















# Case Study:

# Adding class to hyperlinks containing images

Upload/Insert  Visual HTML

**B** *I* **ABC**          **ABC**   


```
<a href="..." class="img"></a>
```



``

`<a href="...">`

→



``

`<a href="..." class="img" >`

Path: p  
Word count: 0



## How can I set the class of anchors? (11 posts)

### CSS

```
a:hover img { background: ... }
```

```
a < img { background: ... }
```

```
a img:parent { background: ... }
```

**WRONG**

### JS / jQuery

```
$('a img').parent('a').addClass('img');
```

**POOR**

**BAD**

These “solutions” target/modify HTML in the visitor’s browser.

**GOOD**

Desired HTML should be coming from the server in the first place.





Insert into Post

# Wordpress Filters



Filters modify specific text elements that are inserted into the database or displayed in your theme.

[http://codex.wordpress.org/Plugin\\_API](http://codex.wordpress.org/Plugin_API)

Each “filterable” text-element has a unique name.

[http://codex.wordpress.org/Plugin\\_API/Filter\\_Reference](http://codex.wordpress.org/Plugin_API/Filter_Reference)

Filters are easily added to your theme’s functions.php



```
/**
 * Attach a class to linked images' parent anchors
 * e.g. a img => a.img img
 */
2 function give_linked_images_class(3 $html, $id, $caption, $title,
  $align, $url, $size, $alt = '' ) {
  $classes = 'img'; // separated by spaces, e.g. 'img image-link'

  // check if there are already classes assigned to the anchor
  if ( preg_match('/<a.*? class=".*?">/', $html) ) {
4   $html = preg_replace('/(<a.*? class=".*?">)/', '$1 '
    . $classes . '$2', $html);
  } else {
    $html = preg_replace('/(<a.*?>)/', '$1 class=""
    . $classes . ">', $html);
  }
5 return $html;
}

1 add_filter('image_send_to_editor', 'give_linked_images_class', 10, 8);
```



Insert into Post



EMPATHY

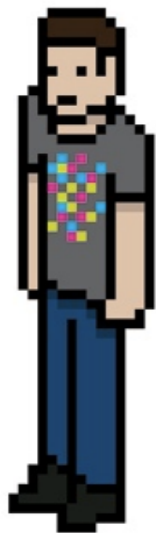
Finding the proper `filter_name` and callback function's arguments is hard.

OK

You can always filter on “`the_content`”.

GOOD

Specifically mention filters in title when asking questions in the Wordpress.org Forums (or `wordpress.stackexchange.com`):  
*“How do I filter the output of...?”*



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