

## Comparison of PHP HTML Filter Tools

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Several tools (mostly classes) give PHP applications the ability to strip bad HTML, enforce XHTML compliance, and more. These tools include Cyberai InputFilter, Deric Rethans filter, HTML Filter for PHP, HTML\_Safe, kses, and Safe HTML checker. This comparison shows some of the important differences.

HTML Filters		Configuration					Form Fields			
Class / Tool	License	Tags	Attributes	Whitelist	Blacklist	Dynamic	All	Single	XSS	Inj
<a href="#">Cyberai InputFilter</a>	GPL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<a href="#">Deric Rethans filter</a>	PHP	(Yes)	(Yes)	(Yes)		Yes	No	Yes	No	
<a href="#">HTML Filter for PHP</a>	LGPL	Yes	Yes	Yes	No	No	No	Yes	No	
<a href="#">HTML_Safe</a>	BSD	Yes	Yes	Yes	Yes	No	No	Yes	No	
<a href="#">kses</a>	GPL	Yes	Yes	Yes	No	Yes	No	Yes	No	
<a href="#">Safe HTML checker</a>	?	Yes	Yes	Yes	No	No	No	Yes	No	

### Configuration

Tags and Attributes includes the ability to specify which tags and attributes are allowed (whitelist) or disallowed (blacklist).

Dynamic represents the ability to dynamically configure which tags / attributes are allowed

Form fields – can the tool process all form fields and / or a single field. Though all forms fields is convenient, it may be necessary not to process specific field (e.g. Fields that contain html special characters text)

### Additional

XSS – includes features for blocking cross site scripting attacks

SQL Injection – includes features for blocking SQL injection attacks

Logic – includes features for validating fields (e.g. email address, URL, etc.)

Max Len / Value – supports checking attribute values for minimum/maximum length and minimum/maximum value, to protect against Buffer Overflows and Denial of Service attacks against WWW clients and various servers

Compliance – enforces W3C / XHTML compliance with tags (requires open and close), attributes (requires double quotes)

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