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antispambot( string \$email\_address, int \$hex\_encoding ): string

Converts email addresses characters to HTML entities to block spam bots.

Parameters

**\$email\_address**stringrequired  
Email address.

**\$hex\_encoding**intoptional  
Set to 1 to enable hex encoding.  
Return

stringConverted email address.

Source

wp-includes/formatting.php

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```
function antispambot( $email_address, $hex_encoding = 0 ) {
    $email_no_spam_address = '';

    for ( $i = 0, $len = strlen( $email_address ); $i < $len; $i++ ) {
        $j = rand( 0, 1 + $hex_encoding );

        if ( 0 === $j ) {
            $email_no_spam_address .= '&#' . ord( $email_address[ $i ] ) . ';';
        } elseif ( 1 === $j ) {
            $email_no_spam_address .= $email_address[ $i ];
        } elseif ( 2 === $j ) {
            $email_no_spam_address .= '%' . zeroise( dechex( ord( $email_address[ $i ] ) ), 2 );
        }
    }
}
```

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Related

Uses

[zeroise\(\)](#)  
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Changelog

Version	Description
<a href="#">0.71</a>	Introduced.

User Contributed Notes

Codex9 years ago

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Example

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```
/**
 * Hide email from Spam Bots using a shortcode.
 *
 * @param array $atts Shortcode attributes. Not used.
 * @param string $content The shortcode content. Should be an email address.
 * @return string The obfuscated email address.
 */
function wpdocs_hide_email_shortcode( $atts , $content = null ) {
    if ( ! is_email( $content ) ) {
        return;
    }
    return '<a href="' . esc_url('mailto:' . antispambot( $content ) ) . '">' . esc_html( antispambot( $content ) ) . '@' . esc_html( antispambot( $content ) ) . '.com' ) . '</a>';
}
```

To use this in your WordPress Content area all you have to do it wrap it in a short code.

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```
[email]john.doe@mysite.com[/email]
```

You can also use this in a plain text widget if you add this filter to your function file as well.

Copy

```
add_filter( 'widget_text', 'shortcode_unautop' );
add_filter( 'widget_text', 'do_shortcode' );
```

Edited with a contribution from @johnrafferty

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