Removing input background colour for Chrome autocomplete?



On a form I'm working on, Chrome is auto-filling the email and password fields. This is fine, however, Chrome changes the background colour to a pale yellow colour.

562

The design I'm working on is using light text on a dark background, so this really messes up the look of the form - I have stark yellow boxes and near-invisible white text. Once the field is focused, the fields return to normal.



Is it possible to stop Chrome changing the colour of these fields?







2 Here you have wider information: <u>stackoverflow.com/questions/2338102/...</u> – dasm Jan 30 '12 at 10:28

See my answer to a similar post: stackoverflow.com/a/13691346/336235 - Ernests Karlsons Dec 3 '12 at 20:46 🖍

36 Answers





This works fine, You can change input box styles as well as text styles inside input box:

1048

Here you can use any color e.g. white , #DDD , rgba(102, 163, 177, 0.45) .

But transparent won't work here.

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```
input:-webkit-autofill:active {
   -webkit-box-shadow: 0 0 0 30px white inset !important;
}
```

Additionally, you can use this to change the text color:

```
/*Change text in autofill textbox*/
input:-webkit-autofill {
    -webkit-text-fill-color: yellow !important;
}
```

Advice: Don't use an excessive blur radius in the hundreds or thousands. This has no benefit and might put processor load on weaker mobile devices. (Also true for actual, outside shadows). For a normal input box of 20px height, 30px 'blur radius' will perfectly cover it.

edited Jan 3 at 17:11

Patrick McDonald

answered Jan 7 '13 at 23:35



Fareed Alnamrouti **21.4k** 3 68 57

- Hey, THIS one is working! (you can change the color of course, but not set it to transparent. Anyway, you will usually need a plain color) Thanks!... Orabîg Feb 1 '13 at 0:35
- 4 @Alex You can comma separate a list of inset shadows to create you recessed effect while still removing the yellow background. AlexLittlejohn Oct 15 '13 at 7:33
- 40 and if you want to set the text color: -webkit-text-fill-color: #838B95 !important; Bakhshi Nov 20 '13 at 2:35
- 14 additionally add `input:-webkit-autofill:hover, input:-webkit-autofill:focus` to get the yellow color blinked.. Ravimallya Mar 4 '14 at 10:48
- -webkit-box-shadow: 0 0 0px 1000px white inset; didn't work for me, it would still change bg color to yellow when I clicked on the input. I added !important to it and now it works. Marius P. Dec 14 '16 at 15:37 /



The previous solutions of adding a box-shadow works well for people who need a solid colour background. The other solution of adding a transition works, but having to set a duration/delay will mean that at some point it may show again.

261

Mu colution is to use kentremes instead that way it will always show the colours of your shoosing

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```
}

input:-webkit-autofill {
   -webkit-animation-name: autofill;
   -webkit-animation-fill-mode: both;
}
```

Example Codepen: https://codepen.io/-Steve-/pen/dwgxPB

edited Jan 11 at 15:01

answered May 25 '16 at 8:57



- 27 This is much more ideal over other solutions as this allows actual transparency, my box is transparent which lets through some of the background, so I needed the inputs to be 100% transparent. Nice job Steve! Danny Broadbent Jul 7 '16 at 9:20
- 6 Awesome... the only one that works for transparent background! Black Sheep Jul 17 '16 at 17:56
- 4 another great solution Fareed Alnamrouti Jul 19 '16 at 12:56
- 6 Seen quite dozens of answers, this is the best one, upvoted good job! MrRobot Aug 9 '16 at 22:11
- 10 This should be the accepted answer **⑤**. Upvoted sir! Pierre Feb 24 '17 at 18:29 ▶



I have a better solution.

251

Setting the background to another color like below didn't solve the problem for me because I needed a transparent input field



-webkit-box-shadow: 0 0 0px 1000px white inset;

So I tried some other things and I came up with this:

```
input:-webkit-autofill,
```

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answered Mar 30 '15 at 15:44

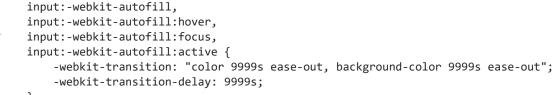


- 3 This didn't make it transparent for me: (-TK123 Jun 3 '15 at 14:32
- 3 That works for me. Thanks:) Hiran D.A Walawage Jun 7 '15 at 12:31
- 1 This really works, autocomplete is functioning normally. Thanks! s3m3n Jun 25 '15 at 12:37
- Awesome, I also need a transparent background. PS: don't forget the -webkit-text-fill-color: yellow !important; for text color. gfpacheco Dec 28 '15 at 17:11
- 22 Instead of setting the transition-duration ridiculously high, it would be better to set the transition-delay instead. That way you reduce even further the possibility of any changes in the colours. Shaggy Apr 27 '16 at 11:03



This is my solution, I used transition and transition delay therefore I can have a transparent background on my input fields.

53



edited Oct 23 '15 at 21:38



answered Sep 10 '15 at 15:07



Worked charmingly! - Anderson Arboleya Jan 28 '16 at 0:41

Very nice! thanks - Wallace Maxters Mar 10 '16 at 13:16

I upvoted for creativity plus I can confirm that this works as expected. - stffndtz May 30 '16 at 16:03

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This has been as designed since this coloring behavior has been from WebKit. It allows the user to understand the data has been prefilled. Bug 1334

47

You could turn off autocomplete by doing (or on the specific form control:

```
<form autocomplete="off">
...
</form</pre>
```

Or you can change the colour of the autofill by doing:

```
input:-webkit-autofill {
   color: #2a2a2a !important;
}
```

Note, there is a bug being tracked for this to work again: http://code.google.com/p/chromium/issues/detail?id=46543

This is a WebKit behavior.

edited Aug 6 '12 at 12:46

answered May 6 '10 at 22:26



Mohamed Mansour **32.2k** 7 101 83

- thanks but that webkit CSS rule isn't working. The user agent stylesheet is always overruling the background color, even with it (a) set to !important and (b) targeted with an ID for higher specificity. It looks like Chrome is always going to override it. Removing autocomplete does seem to work, but it's really not what I want to do. DisgruntledGoat May 29 '10 at 11:54
- Some people have the same issue, did you check the bug post? code.google.com/p/chromium/issues/detail?id=1334 Mohamed Mansour May 30 '10 at 14:59
- 6 Chrome blocks any CSS attempts to override that yellow color. Setting autocomplete="off" will certainly raise accessibility issues. Why is this answer marked as correct anyway? João Apr 4 '12 at 9:43
- This is a good solution but if you're using React, it will complain that autocomplete is an unknown DOM property. Therefore, it's actually autoComplete

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A possible workaround for the moment is to set a "strong" inside shadow:

26

```
input:-webkit-autofill {
    -webkit-box-shadow:0 0 0 50px white inset; /* Change the color to your own
background color */
    -webkit-text-fill-color: #333;
}
input:-webkit-autofill:focus {
    -webkit-box-shadow: /*your box-shadow*/,0 0 0 50px white inset;
    -webkit-text-fill-color: #333;
```

edited Dec 13 '12 at 12:33

answered Dec 13 '12 at 12:27



Tamás Pap 9,996 12

996 12 60 89

1 This is the solution that is actually working, we do not want to skip the yellow background only some times, as the accepted answer would result in. – davidkonrad Aug 19 '16 at 8:43



try this for hide autofill style

22



answered Dec 11 '15 at 2:32



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Google



All of the above answers worked but did have their faults. The below code is an amalgamation of two of the above answers that works flawlessly with no blinking.

18



```
input:-webkit-autofill,
input:-webkit-autofill:hover,
input:-webkit-autofill:focus,
input:-webkit-autofill:active {
    transition: background-color 5000s ease-in-out 0s;
    -webkit-box-shadow: 0 0 0px 1000px #fff inset;
}
```

answered Jun 12 '15 at 6:39



It is working without any blinking. - Innovation Dec 10 '15 at 10:36

I have set an image as background of the input field, this solution removes the yellow shade, but the background image is still hidden – Matteo Tassinari Jul 20 '16 at 12:30



SASS

15

input:-webkit-autofill



```
&,
&:hover,
&:focus,
&:active
   transition-delay: 9999s
   transition-property: background-color, color
```

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This actually worked for me since the accepted answer flashes a pale yellow. - CleoR Dec 23 '15 at 5:54



After 2 hours of searching it seems google still overrides the yellow color somehow but i for the fix for it. That's right. it will work for hover, focus etc as well. all you have to do is add !important to it.

14



```
input:-webkit-autofill,
input:-webkit-autofill:hover,
input:-webkit-autofill:focus,
input:-webkit-autofill:active {
-webkit-box-shadow: 0 0 0px 1000px white inset !important;
}
```

this will completely remove yellow from input fields





This implementation works – Carlos Pliego Jun 5 '18 at 4:12

it works only for white inputs - jbojcic Jul 31 '18 at 13:05



If you want to keep the autocomplete functionality intact you can use a bit of jQuery to remove Chrome's styling. I wrote a short post about it here: http://www.benjaminmiles.com/2010/11/22/fixing-google-chromes-yellow-autocomplete-styles-with-jquery/

8



```
if (navigator.userAgent.toLowerCase().indexOf("chrome") >= 0) {
    $(window).load(function(){
        $('input:-webkit-autofill').each(function(){
        var text = $(this).val();
        var name = $(this).attr('name');
        $(this).after(this.outerHTML).remove();
```

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This seems to be the best solution, although it blocks Kicksend's mailcheck. Any ideas on how to work this around? – João Apr 4 '12 at 9:52 🖍

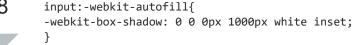
Here's what I'm using, btw. - João Apr 9 '12 at 9:01

This is not a good solution since then google chrome's password auto complete stops working. That is initially you fill in the name and Google chrome auto fills the password. However once the above javascript executes, name gets deleted and set again, and the auto filled password is lost - vanval Sep 26 '14 at 20:26



In addition to this:





You might also want to add

```
input:-webkit-autofill:focus{
-webkit-box-shadow: 0 0 0px 1000px white inset, 0 0 8px rgba(82, 168, 236, 0.6);
```

Other wise, when you click on the input, the yellow color will come back. For the focus, if you are using bootstrap, the second part is for the border highlighting 0 0 8px rgba(82, 168, 236, 0.6);

Such that it will just look like any bootstrap input.

answered Jun 18 '14 at 5:35



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```
input:-webkit-autofill,
input:-webkit-autofill:hover,
input:-webkit-autofill:focus,
input:-webkit-autofill:active {
transition: background-color 50000s ease-in-out 0s, color 5000s ease-in-out 0s;
}
```

answered Mar 21 '16 at 20:18



As of now in latest Chrome 50.x.x, IT IS working perfectly fine. Thanks a lot! – vivekkupadhyay Apr 14 '16 at 12:17 🎤

- 1 Instead of setting the transition-duration ridiculously high, it would be better to set the transition-delay instead. That way you reduce even further the possibility of any changes in the colours. Shaggy Apr 27 '16 at 11:01
 - @Shaggy thanks, I just switched it to a delay. Much nicer. Alex May 12 '16 at 18:27



Try this: Same as @Nathan-white answer above with minor tweaks.

7

```
/* For removing autocomplete highlight color in chrome (note: use this at bottom of your
css file). */
input:-webkit-autofill,
input:-webkit-autofill:hover,
input:-webkit-autofill:focus,
input:-webkit-autofill:active {
    transition: all 5000s ease-in-out 0s;
    transition-property: background-color, color;
```

edited May 23 '17 at 12:02



answered Sep 24 '15 at 6:59



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I have developed another solution using JavaScript without JQuery. If you find this useful or decide to re-post my solution, I only ask that you include my name. Enjoy. - Daniel Fairweather

6

```
var documentForms = document.forms;
for(i = 0; i < documentForms.length; i++){</pre>
   for(j = 0; j < documentForms[i].elements.length; j++){</pre>
        var input = documentForms[i].elements[j];
        if(input.type == "text" || input.type == "password" || input.type == null){
            var text = input.value;
            input.focus();
            var event = document.createEvent('TextEvent');
            event.initTextEvent('textInput', true, true, window, 'a');
            input.dispatchEvent(event);
            input.value = text;
            input.blur();
```

This code is based on the fact that Google Chrome removes the Webkit style as soon as additional text is entered. Simply changing the input field value does not suffice, Chrome wants an event. By focusing on each input field (text, password), we can send a keyboard event (the letter 'a') and then set the text value to it's previous state (the auto-filled text). Keep in mind that this code will run in every browser and will check every input field within the webpage, adjust it accordingly to your needs.



Doesn't seem to work for me. – João Apr 4 '12 at 9:46

Woah that did the trick. finally a real solution. well done - Dustin Silk Apr 30 '15 at 7:35

well, it worked for the most part.. it clears my password unfortunately. Trying to get it to save the password first and reset it after the for loops but chrome seems to be having some issues with that mmmm - Dustin Silk Apr 30 '15 at 9:10

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6

This is more better rather than adding transition animation or inner shadow.



```
input:-webkit-autofill, textarea:-webkit-autofill, select:-webkit-autofill{
  transition-delay: 3600s;
}
```

answered Jun 25 '18 at 6:24



StefansArya

1,165 2 11 18



For those who are using Compass:



answered Mar 14 '15 at 0:31



jedmao

5,830 7 47 56

But transparent? - Mati Sep 21 '16 at 17:33



I have a pure CSS solution which uses CSS Filters.

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answered Dec 18 '17 at 15:58





I give up!

Since there is no way to change the color of the input with autocomplete I decide to disable all of them with jQuery for webkit browsers. Like this:



```
if (/webkit/.test(navigator.userAgent.toLowerCase())) {
   $('[autocomplete="on"]').each(function() {
       $(this).attr('autocomplete', 'off');
   });
```

answered Oct 24 '13 at 12:41



.224 12 14



I've got a solution if you want to prevent the autofill from google chrome but its a little bit "machete", just remove the class that google chrome adds to those inputs fields and set the value to "" if you dont need to show store data after load.





\$(document).ready(function () { setTimeout(function () { var data = \$("input:-webkit-autofill"); data.each(function (i,obj) { \$(obj).removeClass("input:-webkit-autofill"); obi.value = ""; }); },1); });

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3

The solution of Daniel Fairweather (Removing input background colour for Chrome autocomplete?) (I would love to upvote his solution, but still need 15 rep) works really good. There is a really huge difference with most upvoted solution: you can keep background images ! But a little modification (just Chrome check)



And you need to keep in mind, it ONLY works on visible fields!

So you if you are using \$.show() for your form, you need to run this code After show() event

My full solution (I have a show/hide buttons for login form):

```
if (!self.isLoginVisible()) {
        var container = $("#loginpage");
        container.stop();
        self.isLoginVisible(true);
        if (navigator.userAgent.toLowerCase().indexOf("chrome") >= 0) {
            var documentForms = document.forms;
            for (i = 0; i < documentForms.length; i++) {</pre>
                for (j = 0; j < documentForms[i].elements.length; j++) {</pre>
                    var input = documentForms[i].elements[j];
                    if (input.type == "text" || input.type == "password" || input.type
== null) {
                        var text = input.value;
                        input.focus();
                        var event = document.createEvent('TextEvent');
                        event.initTextEvent('textInput', true, true, window, 'a');
                        input.dispatchEvent(event);
                        input.value = text;
                        input.blur();
   } else {
        self.hideLogon();
```

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answered Jan 3 '14 at 3:55



125





Thanks Benjamin!

The Mootools solution is a little more tricky, as I can't get fields by using \$('input:-webkit-autofill'), So what I've used is the following:



```
if (navigator.userAgent.toLowerCase().indexOf("chrome") >= 0) {
 window.addEvent('load', function() {
   setTimeout(clearWebkitBg, 20);
   var elems = getElems();
   for (var i = 0; i < elems.length; i++) {</pre>
     $(elems[i]).addEvent('blur', clearWebkitBg);
 });
function clearWebkitBg () {
 var elems = getElems();
 for (var i = 0; i < elems.length; i++) {</pre>
   var oldInput = $(elems[i]);
   var newInput = new Element('input', {
      'name': oldInput.get('name'),
      'id': oldInput.get('id'),
      'type': oldInput.get('type'),
      'class': oldInput.get('class'),
      'value': oldInput.get('value')
   });
   var container = oldInput.getParent();
   oldInput.destroy();
   container.adopt(newInput);
 }
function getElems() {
 return ['pass', 'login']; // ids
```

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None of the solutions worked for me, the inset shadow won't work for me because the inputs have a translucent background overlaid over the page background.

2

So I asked myself, "How does Chrome determine what should be autofilled on a given page?"



"Does it look for input ids, input names? Form ids? Form action?"

Through my experimentation with the username and the password inputs, there were only two ways I found that would cause Chrome to not be able to find the fields that should be autofilled:

1) Put the password input ahead of the text input. 2) Give them the same name and id ... or no name and id at all.

After the page loads, with javascript you can either dynamically change the order of the inputs on the page, or dynamically give them their name and id ...

And Chrome doesn't know what hit it ... autocomplete is broken!

Crazy hack, I know. But it's working for me.

Chrome 34.0.1847.116, OSX 10.7.5

answered Apr 25 '14 at 23:01





Unfortunately strictly none of the above solutions worked for me in 2016 (a couple years after the question)

So here's the aggressive solution I use:



```
function remake(e){
  var val = e.value;
  var id = e.id;
  e.outerHTML = e.outerHTML;
  document getElementById(id) value = val;
```

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Basically, it deletes the tag while saving the value, and recreates it, then puts back the value.

answered Jun 23 '16 at 0:27



The solution by fareed namrouti works fine for me on Chrome 51.0.2704.106 / OSX 10.11.5. – oens Jul 12 '16 at 21:58 🖍

Checkout my solution, it works with transparency – Steve Jul 21 '16 at 6:53



This will work for input, textarea and select in normal, hover, focus and active states.

2

```
input:-webkit-autofill,
input:-webkit-autofill:hover,
input:-webkit-autofill:focus,
input:-webkit-autofill:active,
textarea:-webkit-autofill,
textarea:-webkit-autofill:hover,
textarea:-webkit-autofill:focus,
textarea:-webkit-autofill:active,
select:-webkit-autofill;hover,
select:-webkit-autofill:hover,
select:-webkit-autofill:focus,
select:-webkit-autofill:active,
{
    -webkit-box-shadow: 0 0 0px 1000px white inset !important;
}
```

Here is SCSS version of the above solution for those who are working with SASS/SCSS.

```
input:-webkit-autofill,
textarea:-webkit-autofill,
select:-webkit-autofill
{
    &, &:hover, &:focus, &:active
```

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answered Feb 8 '18 at 17:54





As mentioned before, inset -webkit-box-shadow for me works best.



```
/* Code witch overwrites input background-color */
input:-webkit-autofill {
     -webkit-box-shadow: 0 0 0px 1000px #fbfbfb inset;
```

Also code snippet to change text color:

```
input:-webkit-autofill:first-line {
    color: #797979;
```

answered May 23 '13 at 15:04





This worked for me:

padding: 5px; background-clip: content-box;

answered Dec 30 '17 at 20:52



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```
(function($){
   if (navigator.userAgent.toLowerCase().indexOf("chrome") >= 0) {
       $('input, select').on('change focus', function (e) {
            setTimeout(function () {
                $.each(
                    document.querySelectorAll('*:-webkit-autofill'),
                    function () {
                        var clone = $(this).clone(true, true);
                        $(this).after(clone).remove();
                        updateActions();
                    })
           }, 300)
       }).change();
   }
   var updateActions = function(){};// method for update input actions
   updateActions(); // start on load and on rebuild
})(jQuery)
*:-webkit-autofill,
*:-webkit-autofill:hover,
*:-webkit-autofill:focus,
*:-webkit-autofill:active {
   /* use animation hack, if you have hard styled input */
   transition: all 5000s ease-in-out 0s;
   transition-property: background-color, color;
   /* if input has one color, and didn't have ba-image use shadow */
    -webkit-box-shadow: 0 0 0 1000px #fff inset;
   /* text color */
    -webkit-text-fill-color: #fff;
   /* font weigth */
   font-weight: 300!important;
<script src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.1/jquery.min.js"></script>
<input type="text" name="name" autocomplete="name"/>
<input type="email" name="email" autocomplete="email"/>
```

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Simple, just add,

autocomplete="new-password"



to the password field.

edited Oct 16 '16 at 20:31



Alex Shesterov

16.1k 9 47 71

answered Oct 16 '16 at 19:51



Joakim Krassman 36 1 11

For building a logon prompt on Canary v6 adding this attribute to only the password field cleared both username and password. Minimal, I like it. Thanks! – paws Jun 14 '17 at 4:24

this disabled the autofill completly - Yoann Apr 25 '18 at 10:06



Google Chrome user agent prevent developers' css, So for changing autofill UI must use another property like these:



input:-webkit-autofill, textarea:-webkit-autofill, select:-webkit-autofill { -webkit-box-shadow: 0 0 0 1000px #d500ff inset !important; /*use inset box-shadow to cover background-color*/ -webkit-text-fill-color: #ffa400 !important; /*use text fill color to cover font color*/

answered Oct 19 '17 at 11:48



AmerllicA

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protected by DisgruntledGoat Oct 16 '16 at 20:44

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