

Converting Colors

HunterLab(50.3858, 18.6577,
31.3741)

Have a look what the booklet for
HunterLab(50.3858, 18.6577,
31.3741) contains.

HunterLab(50.3346, 18.8343, 31.3457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.3346, 18.8343,
31.3457)**

Conversions

Conversions Part 1	
Format	Color
Hex	C77700
RGB	199, 119, 0
RGB Percent	78%, 47%, 0%
CMY	0.2196, 0.5333, 1.0000
CMYK	0.00, 0.40, 1.00, 0.22
HSL	36°, 100%, 39%
HSV	36°, 100%, 78%
XYZ	30.1500, 25.3357, 3.3012
YIQ	129.3540, 85.8790, -20.0490

Conversions

Conversions Part 2

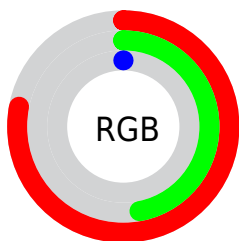
Format	Color
RYB	134, 199, 0
Decimal	13072128
CIELab	57.40, 24.61, 64.19
CIELCh	57, 68.746, 69.022
Yxy	25.3371, 0.5129, 0.4310
Android (android.graphics.Color)	4291262208 (0xFFC77700)
YUV	129.3540, -63.7715, 61.0795
Hunter-Lab	50.3346, 18.8343, 31.3457

Details

The HunterLab color **50.3346, 18.8343, 31.3457** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **31.4021, 19.9516, -82.3188**, and the grayscale version is **47.2131, -2.5192, 2.5652**.

A 20% lighter version of the original color is **71.5419, 17.1087, 39.8510**, and **31.4154, 17.9654, 19.6725** is the 20% darker color. If you saturate the color by 10%, you get **50.3352, 18.8325, 31.3460**, and if you desaturate by 10%, it is **52.3186, 15.1240, 31.7581**.

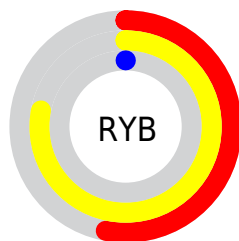
Distribution



Red (78%)

Green (47%)

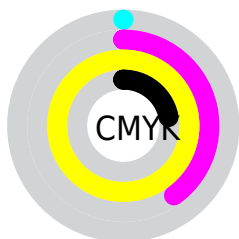
Blue (0%)



Red (53%)

Yellow (78%)

Blue (0%)

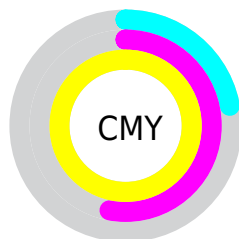


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.3346, 18.8343, 31.3457 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 50.3346, 18.8343, 31.3457 by changing the saturation by 10% instead.


 50.3346, 18.8343,
31.3457


 50.3346, 18.8343,
31.3457


167.1862, 21.8563,
67.3410


 40.4084, 18.0818,
26.4508


 72.2520, 20.0241,
40.4304


 31.2359, 17.2126,
21.8256


 84.1606, 20.4888,
44.6729


 22.8867, 16.2067,
16.0207

 96.6599, 20.8766,
48.7507

 15.4518, 15.0476,
10.8163

 109.7231, 21.1939,
52.6861

 9.0526, 13.7829,
6.3368

 123.3270, 21.4461,
56.4981


0.0000, INF, NaN

0.0000, NaN, NaN


 137.4509, 21.6381,


60.2026


0.0000, NaN, NaN


 152.0761, 21.7736,
63.8131


0.0000, NaN, NaN

 50.3346, 18.8343,
31.3457

 50.3346, 18.8343,
31.3457

 50.3352, 18.8325,
31.3460

 52.3186, 15.1240,
31.7581

 54.4272, 11.6589,
31.5738

 56.6670, 8.5118,
30.6365

 59.0339, 5.7059,
28.9302

 61.5225, 3.2500,
26.4680

■ 64.1268, 1.1426,
23.2796

■ 66.8403, -0.6250,
19.4045

■ 69.6566, -2.0658,
14.8866

■ 72.5697, -3.1958,
9.7715

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.3359, 48.2707, 25.9781



50.3346, 18.8343, 31.3457



50.3359, -11.1240, 31.9991

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.3359, 18.8311, 31.3462



50.3359, -46.7128, -6.2917



50.3359, 37.3742, -58.2049

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.3346, 18.8343, 31.3457



31.4021, 19.9516, -82.3188

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.3359, 6.3419, -82.6347



50.3346, 18.8343, 31.3457



50.3359, -39.0467, -43.3045

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.3359, 18.8311, 31.3462



50.3359, -44.8339, 18.2502



50.3359, -21.1076, -76.0230



50.3359, 60.5472, -20.1439

Rectangle

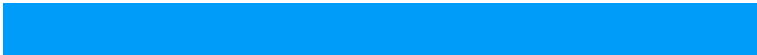
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.3346, 18.8343, 31.3457



50.3359, -26.9484, 30.5328



50.3359, -21.1076, -76.0230



50.3359, 27.2652, -69.0424

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.3359, 18.8311, 31.3462



88.2830, -0.7326, 25.9227



35.7288, 62.9300, 9.5640



40.1264, 0.1028, 13.0501

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3359, 18.8311, 31.3462



66.2393, 25.6868, 41.2661



71.3038, -25.1144, 43.4972



34.1672, -1.5289, 4.4327



40.5800, 14.6504, 25.2617



9.5861, 1.6914, 5.9365

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.4021, 19.9516, -82.3188



41.0157, 27.6717, -111.0013



20.5890, 55.2843, -141.9420



33.1295, -1.9378, -0.9477



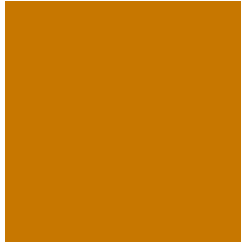
25.4990, 15.2574, -64.8079



6.7019, 0.9410, -10.4081

Previews

White Background



This preview shows how the HunterLab color 50.3346, 18.8343, 31.3457 looks on a white background.

Color Contrast Check

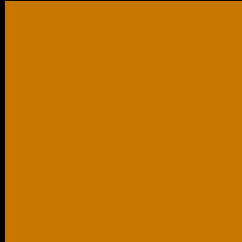
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the HunterLab color 50.3346, 18.8343, 31.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.3346, 18.8343, 31.3457 Background



This preview shows how black text looks on a background with the HunterLab color 50.3346, 18.8343, 31.3457.



This preview shows how white text looks on a background with the HunterLab color 50.3346, 18.8343,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.3346, 18.8343, 31.3457

Protanopia

50.5645, -7.1915, 30.5018

Deuteranopia

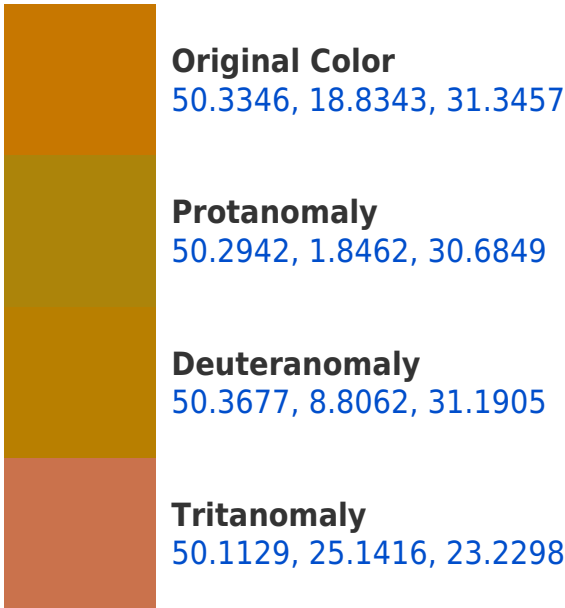
50.3454, 3.3538, 31.0813



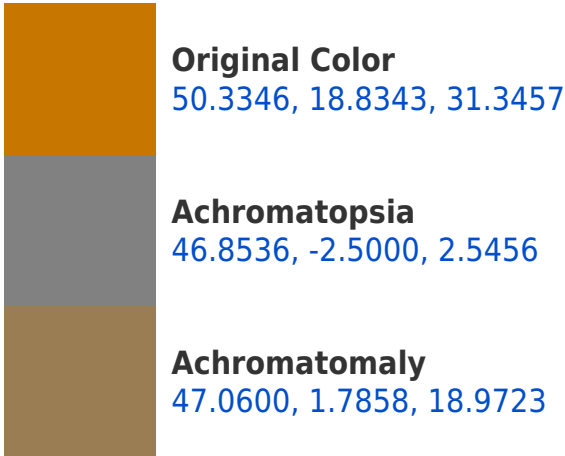
Tritanopia

50.3957, 30.9692, 11.0628

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3346, 18.8343, 31.3457 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3346, 18.8343, 31.3457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 119, 0) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(199, 119, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(199, 119, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3346, 18.8343, 31.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
119, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor