

Converting Colors

HunterLab(50.6795, 31.4898,
31.9449)

Have a look what the booklet for
HunterLab(50.6795, 31.4898,
31.9449) contains.

HunterLab(50.6843, 31.3392, 31.7801)	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(50.6843, 31.3392,
31.7801)**

Conversions

Conversions Part 1

Format	Color
Hex	D96D00
RGB	217, 109, 0
RGB Percent	85%, 43%, 0%
CMY	0.1490, 0.5725, 1.0000
CMYK	0.00, 0.50, 1.00, 0.15
HSL	30°, 100%, 43%
HSV	30°, 100%, 85%
XYZ	34.0839, 25.6890, 3.1620
YIQ	128.8660, 99.3570, -11.0030

Conversions

Conversions Part 2

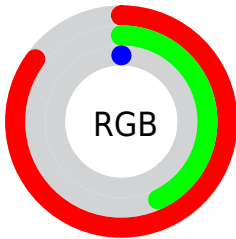
Format	Color
R _Y B	215, 217, 0
Decimal	14249216
CIE Lab	57.74, 37.38, 65.66
CIE LCh	58, 75.556, 60.351
Yxy	25.6904, 0.5416, 0.4082
Android (android.graphics.Color)	4292439296 (0xFFD96D00)
YUV	128.8660, -63.5309, 77.2935
Hunter-Lab	50.6843, 31.3392, 31.7801

Details

The HunterLab color **50.6843, 31.3392, 31.7801** 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 **39.6668, 11.0733, -73.4836**, and the grayscale version is **47.0167, -2.5087, 2.5545**.

A 20% lighter version of the original color is **68.9245, 22.2697, 38.2929**, and **31.7750, 29.1162, 20.0893** is the 20% darker color. If you saturate the color by 10%, you get **50.6850, 31.3369, 31.7805**, and if you desaturate by 10%, it is **53.0988, 26.2487, 32.3477**.

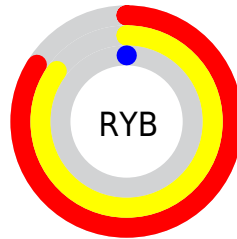
Distribution



Red (85%)

Green (43%)

Blue (0%)



Red (84%)

Yellow (85%)

Blue (0%)

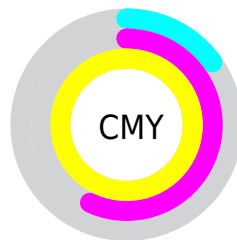


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6843, 31.3392, 31.7801 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 50.6843, 31.3392, 31.7801 by changing the saturation by 10% instead.

50.6843, 31.3392,
31.7801

50.6843, 31.3392,
31.7801

167.7078, 38.6826,
68.4653

40.7335, 30.0390,
26.7985

72.6464, 33.5841,
41.0369

31.5343, 28.6162,
22.0740

84.5756, 34.5550,
45.3619

23.1559, 27.0648,
16.2091

97.0944, 35.4346,
49.5192

15.6881, 25.4075,
10.9816

110.1764, 36.2299,
53.5312

9.2579, 23.7803,
6.4805

123.7983, 36.9474,
57.4169

0.0000, INF, NaN

0.0000, NaN, NaN

137.9395, 37.5922,

61.1925

0.0000, NaN, NaN

152.5815, 38.1692,
64.8714

0.0000, NaN, NaN

50.6843, 31.3392,
31.7801

50.6843, 31.3392,
31.7801

50.6850, 31.3369,
31.7805

53.0988, 26.2487,
32.3477

55.7279, 21.3805,
32.2402

58.5697, 16.8401,
31.3064

61.6114, 12.6712,
29.5494

64.8391, 8.8922,
27.0067

■ 68.2388, 5.5039,
23.7323

■ 71.7968, 2.4958,
19.7869

■ 75.5006, -0.1501,
15.2321

■ 79.3384, -2.4558,
10.1264

Harmonies

Analogous

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



50.6857, 61.8087, 24.2702



50.6843, 31.3392, 31.7801



50.6857, -3.0823, 33.2943

Triad

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



50.6857, 31.3354, 31.7807



50.6857, -50.6078, 2.4003



50.6857, 32.1501, -77.8092

Complementary

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



50.6843, 31.3392, 31.7801



39.6668, 11.0733, -73.4836

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.



50.6857, -2.3309, -97.1069



50.6843, 31.3392, 31.7801



50.6857, -45.5129, -36.4547

Square

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



50.6857, 31.3354, 31.7807



50.6857, -45.7498, 23.9644



50.6857, -29.6155, -78.6291



50.6857, 62.3550, -35.4132

Rectangle

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



50.6843, 31.3392, 31.7801



50.6857, -22.3192, 32.6386



50.6857, -29.6155, -78.6291



50.6857, 20.4308, -88.0683

Sweetspot

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



50.6857, 31.3354, 31.7807



86.0715, 3.0902, 23.8955



39.8060, 70.9150, 4.4285



38.9705, 2.1177, 12.0267

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6857, 31.3354, 31.7807



60.5991, 38.2007, 38.0097



80.2352, -21.5505, 49.0632



37.5858, -1.2165, 4.6423



39.7026, 23.7600, 24.8805



10.9251, 4.2410, 6.8062

Inverse Universe

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



39.6668, 11.0733, -73.4836



47.3020, 13.9297, -89.1935



22.3828, 60.7110, -159.0331



36.9897, -2.6192, -0.7386



31.2021, 7.9422, -56.1449



8.9613, 0.1425, -11.5086

Previews

White Background



This preview shows how the HunterLab color 50.6843, 31.3392, 31.7801 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 50.6843, 31.3392, 31.7801 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 50.6843, 31.3392, 31.7801 Background



This preview shows how black text looks on a background with the HunterLab color 50.6843, 31.3392, 31.7801.



This preview shows how white text looks on a background with the HunterLab color 50.6843, 31.3392,

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

50.6843, 31.3392, 31.7801

Protanopia

50.9620, -7.2216, 30.5594

Deuteranopia

50.7273, 3.2644, 31.3151



Tritanopia

50.6021, 41.5260, 15.2846

Trichromacy



Original Color

50.6843, 31.3392, 31.7801

Protanomaly

50.3098, 6.0052, 30.6959

Deuteranomaly

50.4893, 13.0869, 31.3404

Tritanomaly

50.3889, 36.6480, 25.0662

Monochromacy



Original Color

50.6843, 31.3392, 31.7801

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.0163, 5.7274, 19.0050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6843, 31.3392, 31.7801 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(217, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 109, 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(217, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 109, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6843, 31.3392, 31.7801 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(217, 109, 0) }
```


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

```
.border{ border-color:rgb(217, 109, 0) }
```

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

Here you see how a box with a 4 pixel rgb(217, 109, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 109,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6843, 31.3392, 31.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 109, 0) }
```

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

```
.background{ background-color: rgb(217,  
109, 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