

Converting Colors

HunterLab(51.2041, 32.1630,
31.5762)

Have a look what the booklet for
HunterLab(51.2041, 32.1630,
31.5762) contains.

HunterLab(51.2313, 31.8588, 31.6032)	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(51.2313, 31.8588,
31.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6E0F
RGB	219, 110, 15
RGB Percent	86%, 43%, 6%
CMY	0.1412, 0.5686, 0.9412
CMYK	0.00, 0.50, 0.93, 0.14
HSL	28°, 87%, 46%
HSV	28°, 93%, 86%
XYZ	34.8756, 26.2465, 3.6799
YIQ	131.7610, 95.4590, -6.4370

Conversions

Conversions Part 2

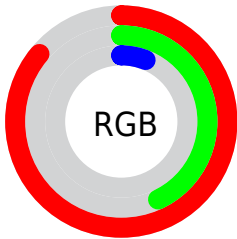
Format	Color
RYB	219, 193, 15
Decimal	14380559
CIELab	58.27, 37.82, 63.39
CIElCh	58, 73.816, 59.176
Yxy	26.2479, 0.5382, 0.4050
Android (android.graphics.Color)	4292570639 (0xFFDB6E0F)
YUV	131.7610, -57.5632, 76.5086
Hunter-Lab	51.2313, 31.8588, 31.6032

Details

The HunterLab color **51.2313, 31.8588, 31.6032** 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 **44.3066, 3.8060, -62.3129**, and the grayscale version is **48.1360, -2.5684, 2.6153**.

A 20% lighter version of the original color is **69.2451, 22.0778, 37.5078**, and **32.0874, 29.8977, 20.2955** is the 20% darker color. If you saturate the color by 10%, you get **49.5588, 35.6016, 31.1612**, and if you desaturate by 10%, it is **53.8892, 26.4935, 31.7530**.

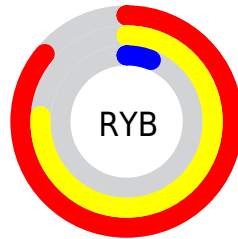
Distribution



Red (86%)

Green (43%)

Blue (6%)



Red (86%)

Yellow (76%)

Blue (6%)

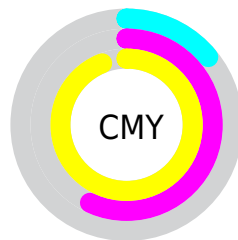


Cyan (0%)

Magenta (50%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (57%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2313, 31.8588, 31.6032 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 51.2313, 31.8588, 31.6032 by changing the saturation by 10% instead.

51.2313, 31.8588,
31.6032

51.2313, 31.8588,
31.6032

168.5221, 39.3081,
67.0908

41.2422, 30.5473,
26.7826

73.2630, 34.1272,
40.5486

32.0016, 29.1138,
22.0648

85.2240, 35.1100,
44.7278

23.5777, 27.5525,
16.5044

97.7734, 36.0015,
48.7466

16.0589, 25.8857,
11.2412

110.8845, 36.8088,
52.6267

9.5711, 24.2351,
6.6998

124.5344, 37.5381,
56.3868

0.0000, INF, NaN

0.0000, NaN, NaN

138.7025, 38.1946,

60.0424

0.0000, NaN, NaN

153.3706, 38.7832,
63.6067

0.0000, NaN, NaN

51.2313, 31.8588,
31.6032

51.2313, 31.8588,
31.6032

49.5588, 35.6016,
31.1612

53.8892, 26.4935,
31.7530

56.7988, 21.4104,
31.0824

59.9451, 16.6756,
29.5875

63.3098, 12.3244,
27.3069

66.8750, 8.3676,
24.2997

■ 70.6233, 4.7994,
20.6326

■ 74.5385, 1.6039,
16.3725

■ 78.6063, -1.2412,
11.5822

■ 82.8134, -3.7608,
6.3192

Harmonies

Analogous

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



51.2327, 61.0387, 23.5701



51.2313, 31.8588, 31.6032



51.2327, -1.8692, 33.3486

Triad

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



51.2327, 31.8550, 31.6038



51.2327, -50.0603, 3.6041



51.2327, 29.9930, -76.5015

Complementary

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



51.2313, 31.8588, 31.6032



44.3066, 3.8060, -62.3129

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.



51.2327, -3.5978, -93.6974



51.2313, 31.8588, 31.6032



51.2327, -45.3739, -33.6636

Square

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



51.2327, 31.8550, 31.6038



51.2327, -44.8203, 24.2917



51.2327, -30.0480, -74.6536



51.2327, 59.7948, -36.0268

Rectangle

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



51.2313, 31.8588, 31.6032



51.2327, -21.0282, 32.7362



51.2327, -30.0480, -74.6536



51.2327, 18.5471, -85.9839

Sweetspot

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



51.2327, 31.8550, 31.6038



86.1703, 3.7851, 22.1135



41.1574, 72.0848, -2.4012



38.9382, 2.5353, 11.2196

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2327, 31.8550, 31.6038



58.6478, 42.8740, 36.8891



77.8442, -16.8725, 47.3275



37.4782, -1.0351, 4.5260



38.4425, 26.7355, 24.1561



10.6244, 4.8840, 6.6322

Inverse Universe

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



44.3066, 3.8060, -62.3129



49.8971, 8.8704, -81.5156



24.3313, 55.2506, -147.3466



37.0992, -2.7991, -0.6049



32.8624, 4.7656, -51.3626



9.3357, -0.4923, -10.6061

Previews

White Background



This preview shows how the HunterLab color 51.2313, 31.8588, 31.6032 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 51.2313, 31.8588, 31.6032 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 51.2313, 31.8588, 31.6032 Background



This preview shows how black text looks on a background with the HunterLab color 51.2313, 31.8588, 31.6032.



This preview shows how white text looks on a background with the HunterLab color 51.2313, 31.8588,

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

51.2313, 31.8588, 31.6032

Protanopia

51.3703, -7.1953, 30.4667

Deuteranopia

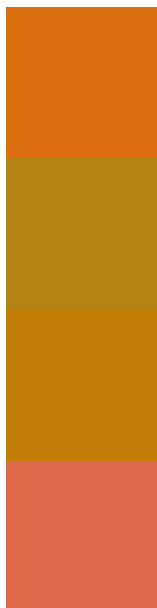
51.2250, 3.5616, 31.6270



Tritanopia

51.1238, 41.9398, 15.4575

Trichromacy



Original Color

51.2313, 31.8588, 31.6032

Protanomaly

50.7176, 6.0607, 30.5286

Deuteranomaly

51.0055, 13.4658, 31.4982

Tritanomaly

50.9738, 37.3521, 24.3211

Monochromacy



Original Color

51.2313, 31.8588, 31.6032

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.9886, 6.4838, 18.0069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2313, 31.8588, 31.6032 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(219, 110, 15)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 15)  
}
```

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(219, 110, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2313, 31.8588, 31.6032 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(219, 110, 15) }
```


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

```
.border{ border-color:rgb(219, 110, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 110, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 15);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2313, 31.8588, 31.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 15) }
```

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

```
.background{ background-color: rgb(219,  
110, 15) }
```

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](#).

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