

Converting Colors

HunterLab(51.8226, 32.0403,
32.6499)

Have a look what the booklet for
HunterLab(51.8226, 32.0403,
32.6499) contains.

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Color

**HunterLab(51.7117, 32.0555,
32.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6F00
RGB	221, 111, 0
RGB Percent	87%, 44%, 0%
CMY	0.1333, 0.5647, 1.0000
CMYK	0.00, 0.50, 1.00, 0.13
HSL	30°, 100%, 43%
HSV	30°, 100%, 87%
XYZ	35.5032, 26.7410, 3.2903
YIQ	131.2360, 101.1910, -11.2010

Conversions

Conversions Part 2

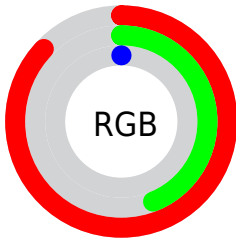
Format	Color
RYB	219, 221, 0
Decimal	14511872
CIELab	58.74, 37.96, 66.56
CIELCh	59, 76.619, 60.302
Yxy	26.7425, 0.5417, 0.4081
Android (android.graphics.Color)	4292701952 (0xFFDD6F00)
YUV	131.2360, -64.6993, 78.7230
Hunter-Lab	51.7117, 32.0555, 32.4257

Details

The HunterLab color **51.7117, 32.0555, 32.4257** 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 **40.4624, 11.3635, -75.1043**, and the grayscale version is **47.9544, -2.5587, 2.6055**.

A 20% lighter version of the original color is **69.4379, 21.2279, 38.6248**, and **32.5617, 30.2556, 20.5940** is the 20% darker color. If you saturate the color by 10%, you get **51.7124, 32.0533, 32.4261**, and if you desaturate by 10%, it is **54.1766, 26.8497, 33.0168**.

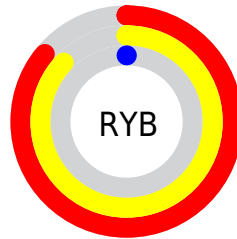
Distribution



Red (87%)

Green (44%)

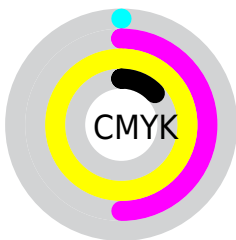
Blue (0%)



Red (86%)

Yellow (87%)

Blue (0%)

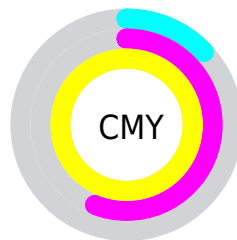


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7117, 32.0555, 32.4257 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 51.7117, 32.0555, 32.4257 by changing the saturation by 10% instead.

51.7117, 32.0555,
32.4257

51.7117, 32.0555,
32.4257

169.2359, 39.5142,
69.4240

41.6892, 30.7442,
27.4119

73.8040, 34.3245,
41.7513

32.4125, 29.3113,
22.6595

85.7930, 35.3080,
46.1117

23.9490, 27.7507,
16.7643

98.3689, 36.2005,
50.3047

16.3858, 26.0834,
11.4701

111.5056, 37.0090,
54.3522

9.8466, 24.4240,
6.8926

125.1799, 37.7396,
58.2731

0.0000, INF, NaN

0.0000, NaN, NaN

139.3716, 38.3976,

62.0834

0.0000, NaN, NaN

154.0624, 38.9877,
65.7965

0.0000, NaN, NaN

51.7117, 32.0555,
32.4257

51.7117, 32.0555,
32.4257

51.7124, 32.0533,
32.4261

54.1766, 26.8497,
33.0168

56.8614, 21.8715,
32.9147

59.7639, 17.2281,
31.9673

62.8711, 12.9645,
30.1777

66.1688, 9.0996,
27.5840

■ 69.6424, 5.6347,
24.2414

■ 73.2781, 2.5586,
20.2122

■ 77.0630, -0.1468,
15.5592

■ 80.9851, -2.5041,
10.3426

Harmonies

Analogous

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



51.7131, 63.1478, 24.7496



51.7117, 32.0555, 32.4257



51.7131, -3.0919, 33.9751

Triad

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



51.7131, 32.0517, 32.4263



51.7131, -51.6556, 2.4997



51.7131, 32.7679, -79.5157

Complementary

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



51.7117, 32.0555, 32.4257



40.4624, 11.3635, -75.1043

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.



51.7131, -2.4313, -99.1669



51.7117, 32.0555, 32.4257



51.7131, -46.4729, -37.1503

Square

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



51.7131, 32.0517, 32.4263



51.7131, -46.6812, 24.4809



51.7131, -30.2663, -80.2368



51.7131, 63.6281, -36.2344

Rectangle

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



51.7117, 32.0555, 32.4257



51.7131, -22.7406, 33.3102



51.7131, -30.2663, -80.2368



51.7131, 20.8017, -89.9775

Sweetspot

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



51.7131, 32.0517, 32.4263



86.0705, 3.0919, 23.8945



40.6312, 72.3789, 4.5675



38.9700, 2.1186, 12.0263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.7131, 32.0517, 32.4263



60.5968, 38.2062, 38.0083



81.9051, -21.9990, 50.0843



37.5857, -1.2163, 4.6422



39.7011, 23.7636, 24.8797



10.9247, 4.2418, 6.8060

Inverse Universe

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



40.4624, 11.3635, -75.1043



47.3050, 13.9236, -89.1843



22.8486, 61.9744, -162.3426



36.9898, -2.6195, -0.7384



31.2041, 7.9384, -56.1391



8.9618, 0.1418, -11.5075

Previews

White Background



This preview shows how the HunterLab color 51.7117, 32.0555, 32.4257 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 51.7117, 32.0555, 32.4257 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 51.7117, 32.0555, 32.4257 Background



This preview shows how black text looks on a background with the HunterLab color 51.7117, 32.0555, 32.4257.



This preview shows how white text looks on a background with the HunterLab color 51.7117, 32.0555,

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

51.7117, 32.0555, 32.4257

Protanopia

51.8330, -7.0668, 31.1108

Deuteranopia

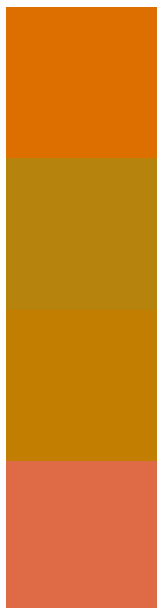
51.8764, 2.9950, 32.0185



Tritanopia

51.6465, 42.3543, 15.6307

Trichromacy



Original Color

51.7117, 32.0555, 32.4257

Protanomaly

51.1901, 6.2196, 31.2491

Deuteranomaly

51.3722, 13.3267, 31.8886

Tritanomaly

51.4181, 37.3923, 25.6568

Monochromacy



Original Color

51.7117, 32.0555, 32.4257

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.8877, 5.9495, 19.4802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7117, 32.0555, 32.4257 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(221, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(221, 111, 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(221, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 111, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7117, 32.0555, 32.4257 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(221, 111, 0) }
```


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

```
.border{ border-color:rgb(221, 111, 0) }
```

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

Here you see how a box with a 4 pixel rgb(221, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(221, 111,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7117, 32.0555, 32.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 111, 0) }
```

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

```
.background{ background-color: rgb(221,  
111, 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](#).

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