

Converting Colors

HunterLab(52.7954, 31.8338,
33.0896)

Have a look what the booklet for
HunterLab(52.7954, 31.8338,
33.0896) contains.

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Color

**HunterLab(52.8033, 31.8527,
33.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	E07200
RGB	224, 114, 0
RGB Percent	88%, 45%, 0%
CMY	0.1216, 0.5529, 1.0000
CMYK	0.00, 0.49, 1.00, 0.12
HSL	31°, 100%, 44%
HSV	31°, 100%, 88%
XYZ	36.7577, 27.8819, 3.4444
YIQ	133.8940, 102.1540, -12.1340

Conversions

Conversions Part 2

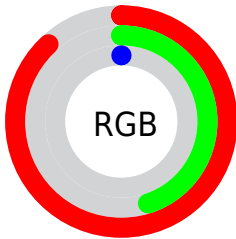
Format	Color
R_{YB}	216, 224, 0
Decimal	14709248
CIE _{Lab}	59.78, 37.63, 67.40
CIE _{LCh}	60, 77.199, 60.824
Yxy	27.8834, 0.5399, 0.4095
Android (android.graphics.Color)	4292899328 (0xFFE07200)
YUV	133.8940, -66.0097, 79.0230
Hunter-Lab	52.8033, 31.8527, 33.0948

Details

The HunterLab color **52.8033, 31.8527, 33.0948** 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 **40.6613, 12.3843, -77.5566**, and the grayscale version is **49.0100, -2.6151, 2.6628**.

A 20% lighter version of the original color is **70.2245, 19.7102, 38.9998**, and **33.3648, 29.7545, 21.0801** is the 20% darker color. If you saturate the color by 10%, you get **52.8040, 31.8504, 33.0952**, and if you desaturate by 10%, it is **55.2952, 26.6235, 33.7026**.

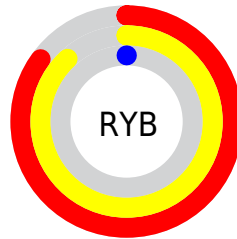
Distribution



Red (88%)

Green (45%)

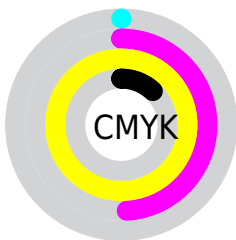
Blue (0%)



Red (85%)

Yellow (88%)

Blue (0%)

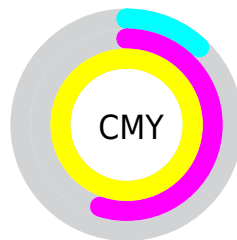


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8033, 31.8527, 33.0948 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 52.8033, 31.8527, 33.0948 by changing the saturation by 10% instead.

52.8033, 31.8527,
33.0948

52.8033, 31.8527,
33.0948

170.8536, 39.1273,
70.3761

42.7057, 30.5670,
28.0530

75.0322, 34.0738,
42.4809

33.3479, 29.1603,
23.1960

87.0840, 35.0351,
46.8731

24.7955, 27.6249,
17.3569

99.7199, 35.9065,
51.0982

17.1330, 25.9763,
11.9931

112.9139, 36.6948,
55.1779

10.4790, 24.3082,
7.3353

126.6433, 37.4061,
59.1309

0.0000, INF, NaN

0.0000, NaN, NaN

140.8882, 38.0456,

62.9730

0.0000, NaN, NaN

155.6303, 38.6180,
66.7175

0.0000, NaN, NaN

52.8033, 31.8527,
33.0948

52.8033, 31.8527,
33.0948

52.8040, 31.8504,
33.0952

55.2952, 26.6235,
33.7026

58.0045, 21.6328,
33.6031

60.9296, 16.9857,
32.6429

64.0579, 12.7265,
30.8231

67.3757, 8.8733,
28.1807

■ 70.8689, 5.4268,
24.7703

■ 74.5239, 2.3759,
20.6541

■ 78.3281, -0.2980,
15.8953

■ 82.2696, -2.6175,
10.5548

Harmonies

Analogous

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



52.8047, 63.5448, 25.4080



52.8033, 31.8527, 33.0948



52.8047, -3.7309, 34.6272

Triad

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



52.8047, 31.8488, 33.0954



52.8047, -52.5059, 1.9978



52.8047, 33.8274, -79.7934

Complementary

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



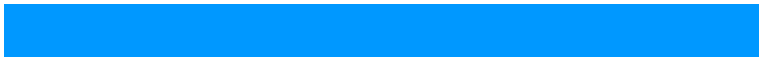
52.8033, 31.8527, 33.0948



40.6613, 12.3843, -77.5566

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.



52.8047, -1.9036, -100.2647



52.8033, 31.8527, 33.0948



52.8047, -47.0451, -38.4063

Square

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



52.8047, 31.8488, 33.0954



52.8047, -47.6231, 24.6606



52.8047, -30.3546, -81.7794



52.8047, 64.8707, -35.8802

Rectangle

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



52.8033, 31.8527, 33.0948



52.8047, -23.5572, 33.9032



52.8047, -30.3546, -81.7794



52.8047, 21.7108, -90.5317

Sweetspot

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



52.8047, 31.8488, 33.0954



86.2232, 2.8247, 24.0357



41.2519, 73.4802, 4.6722



39.0497, 1.9777, 12.0975

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.8047, 31.8488, 33.0954



60.9649, 37.3460, 38.2201



83.1613, -22.3364, 50.8524



38.5331, -1.2779, 4.7854



40.5719, 23.6408, 25.4141



11.4897, 4.4493, 7.1578

Inverse Universe

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



40.6613, 12.3843, -77.5566



46.8429, 14.8574, -90.6224



23.1991, 62.9249, -164.8326



37.8803, -2.6519, -0.7895



31.3885, 8.7135, -58.0427



9.2835, 0.3893, -12.4441

Previews

White Background



This preview shows how the HunterLab color 52.8033, 31.8527, 33.0948 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 52.8033, 31.8527, 33.0948 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 52.8033, 31.8527, 33.0948 Background



This preview shows how black text looks on a background with the HunterLab color 52.8033, 31.8527, 33.0948.



This preview shows how white text looks on a background with the HunterLab color 52.8033, 31.8527,

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

52.8033, 31.8527, 33.0948

Protanopia

52.9947, -7.3646, 31.8369

Deuteranopia

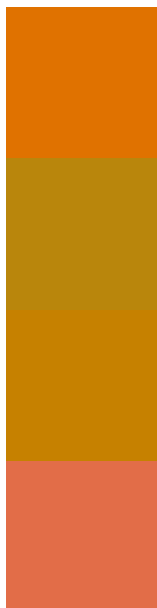
52.8759, 3.5909, 32.6447



Tritanopia

52.7553, 42.3881, 15.6917

Trichromacy



Original Color

52.8033, 31.8527, 33.0948

Protanomaly

52.3364, 5.9519, 31.9596

Deuteranomaly

52.6368, 13.4831, 32.6706

Tritanomaly

52.5109, 37.2873, 26.0873

Monochromacy



Original Color

52.8033, 31.8527, 33.0948

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.0409, 5.7759, 19.9294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8033, 31.8527, 33.0948 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(224, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 114, 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(224, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8033, 31.8527, 33.0948 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(224, 114, 0) }
```


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

```
.border{ border-color:rgb(224, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 114,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.8033, 31.8527, 33.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 114, 0) }
```

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

```
.background{ background-color: rgb(224,  
114, 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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