

Converting Colors

HunterLab(50.3033, 20.3564,
28.1833)

Have a look what the booklet for
HunterLab(50.3033, 20.3564,
28.1833) contains.

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Color

**HunterLab(50.3033, 20.3564,
28.1833)**

Conversions

Conversions Part 1	
Format	Color
Hex	C7762F
RGB	199, 118, 47
RGB Percent	78%, 46%, 18%
CMY	0.2196, 0.5372, 0.8157
CMYK	0.00, 0.41, 0.76, 0.22
HSL	28°, 62%, 48%
HSV	28°, 76%, 78%
XYZ	30.5447, 25.3042, 5.9636
YIQ	134.1250, 71.0670, -4.9090

Conversions

Conversions Part 2

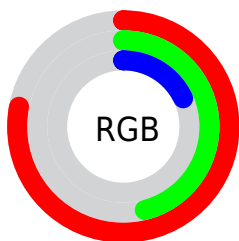
Format	Color
RYB	199, 180, 47
Decimal	13071919
CIELab	57.37, 26.22, 50.55
CIELCh	57, 56.946, 62.580
Yxy	25.3055, 0.4941, 0.4094
Android (android.graphics.Color)	4291261999 (0xFFC7762F)
YUV	134.1250, -42.9526, 56.8954
Hunter-Lab	50.3033, 20.3564, 28.1833

Details

The HunterLab color **50.3033, 20.3564, 28.1833** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **44.9055, -2.2655, -43.7097**, and the grayscale version is **49.0214, -2.6157, 2.6634**.

A 20% lighter version of the original color is **71.5883, 19.2407, 35.0828**, and **31.2173, 18.4202, 19.5584** is the 20% darker color. If you saturate the color by 10%, you get **47.7714, 24.9533, 28.5787**, and if you desaturate by 10%, it is **53.0509, 16.0496, 27.0533**.

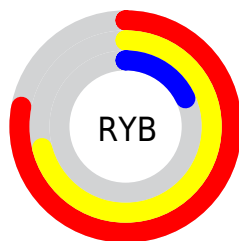
Distribution



Red (78%)

Green (46%)

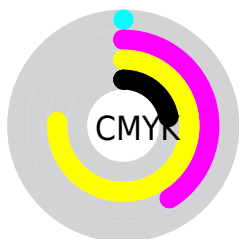
Blue (18%)



Red (78%)

Yellow (71%)

Blue (18%)

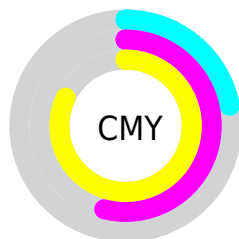


Cyan (0%)

Magenta (41%)

Yellow (76%)

Black (22%)



Cyan (22%)















Magenta (54%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3033, 20.3564, 28.1833 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 50.3033, 20.3564, 28.1833 by changing the saturation by 10% instead.


 50.3033, 20.3564, 28.1833	 50.3033, 20.3564, 28.1833
 167.1395, 23.9480, 57.3864	 40.3793, 19.5294, 24.2205
 72.2167, 21.6877, 35.5005	 31.2092, 18.5833, 20.0020
 84.1234, 22.2195, 38.9201	 22.8626, 17.4991, 16.0038
 96.6209, 22.6721, 42.2149	 15.4307, 16.2633, 10.8015
 109.6825, 23.0521, 45.4043	 9.0339, 14.9408, 6.3237
 123.2848, 23.3653, 48.5044	0.0000, INF, NaN
 137.4071, 23.6163,	0.0000, NaN, NaN


51.5279


0.0000, NaN, NaN


152.0309, 23.8094,
54.4856


0.0000, NaN, NaN

 50.3033, 20.3564,
28.1833


 50.3033, 20.3564,
28.1833


 47.7714, 24.9533,
28.5787


 53.0509, 16.0496,
27.0533

 45.4642, 29.7757,
28.2664

 55.9947, 12.0802,
25.2126

 44.6809, 31.5268,
28.0841

 59.1201, 8.4599,
22.7101

 62.4115, 5.1872,
19.6031

 65.8547, 2.2500,
15.9509

■ 69.4365, -0.3698,
11.8101

■ 73.1449, -2.6937,
7.2329

■ 76.9695, -4.7444,
2.2662

■ 80.9007, -6.5446,
-3.0488

Harmonies

Analogous

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



50.3046, 42.3537, 21.0918



50.3033, 20.3564, 28.1833



50.3046, -4.7451, 29.8013

Triad

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



50.3046, 20.3533, 28.1839



50.3046, -40.9550, 0.7241



50.3046, 24.6229, -50.0071

Complementary

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



50.3033, 20.3564, 28.1833



44.9055, -2.2655, -43.7097

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.



50.3046, -0.5950, -63.7289



50.3033, 20.3564, 28.1833



50.3046, -35.9387, -27.0638

Square

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



50.3046, 20.3533, 28.1839



50.3046, -37.4176, 19.0372



50.3046, -22.2060, -53.8179



50.3046, 45.1256, -21.9343

Rectangle

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



50.3033, 20.3564, 28.1833



50.3046, -19.1931, 28.7332



50.3046, -22.2060, -53.8179



50.3046, 16.2672, -56.9197

Sweetspot

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



50.3046, 20.3533, 28.1839



88.5648, 1.8790, 19.5042



39.6680, 58.6932, -5.0879



40.1817, 1.4835, 9.9131

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3046, 20.3533, 28.1839



61.0531, 37.4448, 37.6152



71.3449, -16.4124, 41.4400



33.8232, -0.9515, 4.0621



36.0684, 24.7044, 22.6577



8.7215, 3.4154, 5.4339

Inverse Universe

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



44.9055, -2.2655, -43.7097



52.6773, 4.5061, -73.9456



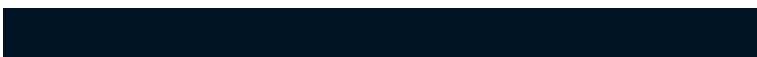
26.8141, 37.6993, -102.2911



33.4778, -2.5118, -0.5213



30.7602, 4.3964, -47.9382



7.6947, -0.7732, -7.9485

Previews

White Background



This preview shows how the HunterLab color 50.3033, 20.3564, 28.1833 looks on a white background.

Color Contrast Check

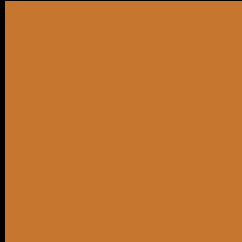
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3033, 20.3564, 28.1833 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 50.3033, 20.3564, 28.1833 Background



This preview shows how black text looks on a background with the HunterLab color 50.3033, 20.3564, 28.1833.



This preview shows how white text looks on a background with the HunterLab color 50.3033, 20.3564,

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

50.3033, 20.3564, 28.1833

Protanopia

50.3031, -6.2111, 26.9179

Deuteranopia

50.2904, 3.5159, 28.3558



Tritanopia

50.3957, 30.9692, 11.0628

Trichromacy



Original Color

50.3033, 20.3564, 28.1833

Protanomaly

50.0177, 2.7275, 27.1558

Deuteranomaly

50.0486, 9.4491, 28.1823

Tritanomaly

50.3801, 26.4540, 19.3197

Monochromacy



Original Color

50.3033, 20.3564, 28.1833

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.6485, 3.7253, 14.7221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3033, 20.3564, 28.1833 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, 118, 47)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 47)  
}
```

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, 118, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3033, 20.3564, 28.1833 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, 118, 47) }
```


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

```
.border{ border-color:rgb(199, 118, 47) }
```

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

Here you see how a box with a 4 pixel rgb(199, 118, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 47);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3033, 20.3564, 28.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 47) }
```

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

```
.background{ background-color: rgb(199,  
118, 47) }
```

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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