

Converting Colors

HunterLab(51.3231, 26.3162,
18.1970)

Have a look what the booklet for
HunterLab(51.3231, 26.3162,
18.1970) contains.

HunterLab(51.4588, 26.3717, 18.2789)	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(51.4588, 26.3717,
18.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7564
RGB	204, 117, 100
RGB Percent	80%, 46%, 39%
CMY	0.2000, 0.5412, 0.6078
CMYK	0.00, 0.43, 0.51, 0.20
HSL	10°, 50%, 60%
HSV	10°, 51%, 80%
XYZ	33.5634, 26.4801, 15.3988
YIQ	141.0750, 57.3090, 13.1570

Conversions

Conversions Part 2

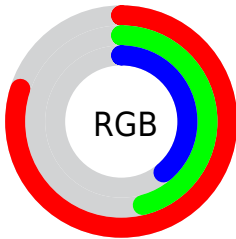
Format	Color
R_{YB}	204, 120, 100
Decimal	13399396
CIE Lab	58.49, 32.33, 24.23
CIE LCh	58, 40.402, 36.851
Yxy	26.4814, 0.4449, 0.3510
Android (android.graphics.Color)	4291589476 (0xFFCC7564)
YUV	141.0750, -20.2500, 55.1852
Hunter-Lab	51.4588, 26.3717, 18.2789

Details

The HunterLab color **51.4588, 26.3717, 18.2789** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65.2744, -21.4615, -12.0431**, and the grayscale version is **51.7030, -2.7587, 2.8091**.

A 20% lighter version of the original color is **72.2799, 24.6493, 20.9537**, and **32.2216, 23.9597, 14.0766** is the 20% darker color. If you saturate the color by 10%, you get **47.4487, 33.1589, 20.4310**, and if you desaturate by 10%, it is **55.9221, 19.7631, 15.8299**.

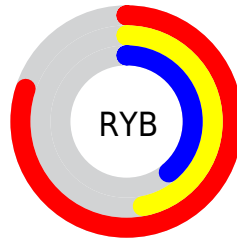
Distribution



Red (80%)

Green (46%)

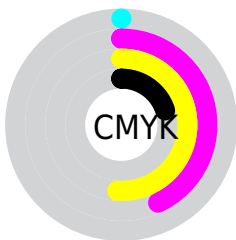
Blue (39%)



Red (80%)

Yellow (47%)

Blue (39%)

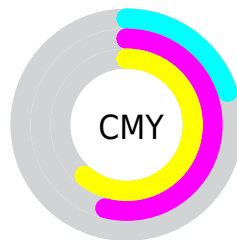


Cyan (0%)

Magenta (43%)

Yellow (51%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4588, 26.3717, 18.2789 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 51.4588, 26.3717, 18.2789 by changing the saturation by 10% instead.

■ 51.4588, 26.3717,
18.2789

■ 51.4588, 26.3717,
18.2789

168.8601, 31.9849,
34.8135

■ 41.4538, 25.2892,
16.2162

■ 73.5191, 28.1962,
22.1855

■ 32.1961, 24.0837,
14.0433

■ 85.4934, 28.9644,
24.0624

■ 23.7533, 22.7420,
11.7176

■ 98.0554, 29.6469,
25.9040

■ 16.2135, 21.2648,
9.3935

■ 111.1786, 30.2506,
27.7186

■ 9.7013, 19.7076,
6.7909

124.8401, 30.7815,
29.5123

0.0000, INF, NaN

0.0000, NaN, NaN

139.0194, 31.2446,

31.2902

0.0000, NaN, NaN

153.6982, 31.6444,
33.0562

0.0000, NaN, NaN

■ 51.4588, 26.3717,
18.2789

■ 51.4588, 26.3717,
18.2789

■ 47.4487, 33.1589,
20.4310

■ 55.9221, 19.7631,
15.8299

■ 43.9579, 39.9421,
22.1680

■ 60.7710, 13.4410,
13.1725

■ 41.0574, 46.4122,
23.3649

■ 65.9519, 7.4385,
10.3735

■ 38.8046, 52.1607,
23.9235

■ 71.4189, 1.7541,
7.4778

■ 37.3429, 56.3282,
23.9966

■ 77.1341, -3.6333,
4.5150

■ 83.0667, -8.7532,
1.5044

■ 89.1911, -13.6375,
-1.5419

■ 95.2036, -19.9086,
-0.6034

■ 95.6960, -20.6485,
-0.0098

Harmonies

Analogous

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



51.4601, 34.2323, 6.4026



51.4588, 26.3717, 18.2789



51.4601, 10.8593, 24.0943

Triad

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



51.4601, 26.3687, 18.2797



51.4601, -29.6818, 13.6647



51.4601, 1.2424, -39.0613

Complementary

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



51.4588, 26.3717, 18.2789



65.2744, -21.4615, -12.0431

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.



51.4601, -15.0745, -35.1689



51.4588, 26.3717, 18.2789



51.4601, -31.5531, -1.0811

Square

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



51.4601, 26.3687, 18.2797



51.4601, -21.0605, 22.1034



51.4601, -26.5549, -19.7724



51.4601, 18.5468, -29.1315

Rectangle

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



51.4588, 26.3717, 18.2789



51.4601, -0.9257, 25.3023



51.4601, -26.5549, -19.7724



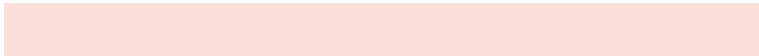
51.4601, -4.5463, -39.3658

Sweetspot

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



51.4601, 26.3687, 18.2797



88.9013, 5.2927, 11.2065



50.5965, 47.5608, -24.0070



40.4355, 3.1724, 5.5527

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4601, 26.3687, 18.2797



60.6691, 43.3885, 26.4970



64.5100, 0.9177, 28.6855



33.9191, 0.4135, 3.2894



29.7801, 44.1942, 19.1240



7.4337, 8.0367, 4.7213

Inverse Universe

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



65.2744, -21.4615, -12.0431



81.3944, -29.6724, -19.2796



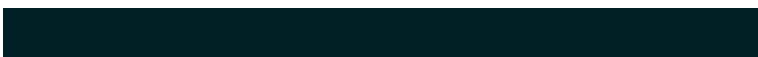
49.7900, 2.5493, -37.3015



35.2172, -3.9448, 0.4688



45.9429, -18.0737, -18.4086



10.8368, -4.6291, -3.5522

Previews

White Background



This preview shows how the HunterLab color 51.4588, 26.3717, 18.2789 looks on a white background.

Color Contrast Check

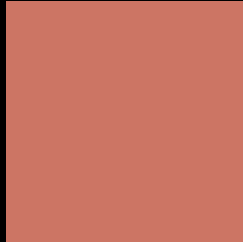
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4588, 26.3717, 18.2789 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 51.4588, 26.3717, 18.2789 Background



This preview shows how black text looks on a background with the HunterLab color 51.4588, 26.3717, 18.2789.



This preview shows how white text looks on a background with the HunterLab color 51.4588, 26.3717,

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

51.4588, 26.3717, 18.2789

Protanopia

51.6541, -4.1002, 14.4952

Deuteranopia

51.6004, 3.7356, 18.8667



Tritanopia

51.5379, 30.9738, 11.1178

Trichromacy



Original Color

51.4588, 26.3717, 18.2789

Protanomaly

51.0981, 6.5832, 15.4617

Deuteranomaly

51.2497, 12.0681, 18.4229

Tritanomaly

51.4349, 29.1794, 13.8540

Monochromacy



Original Color

51.4588, 26.3717, 18.2789

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

50.8934, 6.7813, 8.4838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4588, 26.3717, 18.2789 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(204, 117, 100)` looks like.

```
.text, #text, p{  
    color:rgb(204, 117, 100)  
}
```

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(204, 117, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 117, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4588, 26.3717, 18.2789 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(204, 117, 100) }
```


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

```
.border{ border-color:rgb(204, 117, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 117, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 117, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 117, 100);  
box-shadow:4px 4px 4px 4px rgb(204, 117,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4588, 26.3717, 18.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 117, 100) }
```

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

```
.background{ background-color: rgb(204,  
117, 100) }
```

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