

# Converting Colors

HunterLab(51.3231, 26.3162,  
18.1970)

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

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# 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

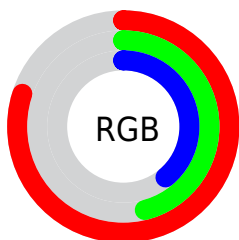
Format	Color
<a href="#">RYB</a>	<a href="#">204, 120, 100</a>
Decimal	<a href="#">13399396</a>
CIELab	<a href="#">58.49, 32.33, 24.23</a>
CIELCh	<a href="#">58, 40.402, 36.851</a>
Yxy	<a href="#">26.4814, 0.4449, 0.3510</a>
Android (android.graphics.Color)	<a href="#">4291589476</a> (0xFFCC7564)
YUV	<a href="#">141.0750, -20.2500, 55.1852</a>
Hunter-Lab	<a href="#">51.4588, 26.3717, 18.2789</a>

# 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**.

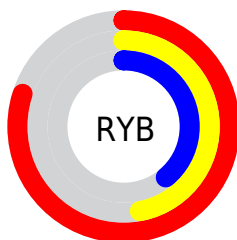
# Distribution



Red (80%)

Green (46%)

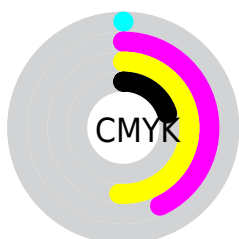
Blue (39%)



Red (80%)

Yellow (47%)

Blue (39%)

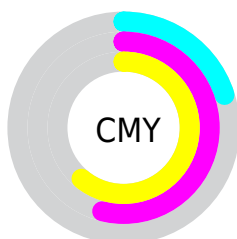


Cyan (0%)

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



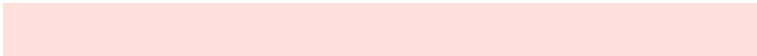
51.4601, -4.5463, -39.3658

# 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



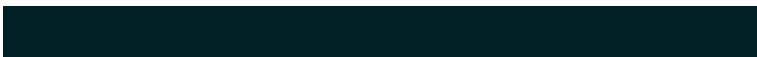
49.7900, 2.5493, -37.3015



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

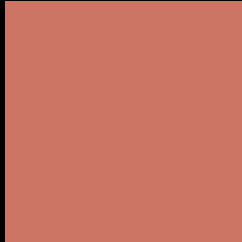
Any Text WCAG AA ✗ Fail

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



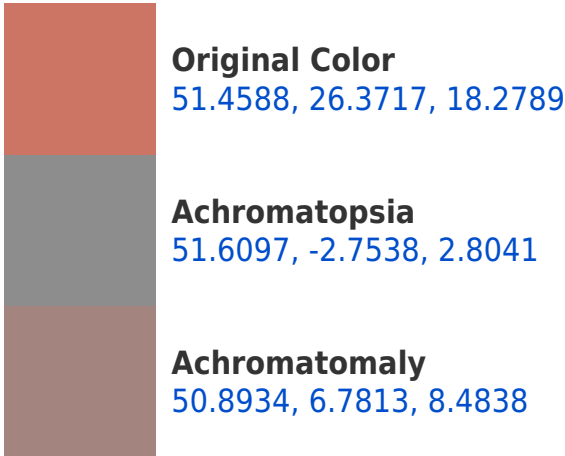
## Tritanopia

51.5379, 30.9738, 11.1178

# Trichromacy



# Monochromacy



# 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](#).

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