

Converting Colors

HunterLab(51.7738, 29.6453,
29.7538)

Have a look what the booklet for
HunterLab(51.7738, 29.6453,
29.7538) contains.

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Color

**HunterLab(51.7764, 29.2692,
29.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	D8722B
RGB	216, 114, 43
RGB Percent	85%, 45%, 17%
CMY	0.1529, 0.5529, 0.8314
CMYK	0.00, 0.47, 0.80, 0.15
HSL	25°, 69%, 51%
HSV	25°, 80%, 85%
XYZ	34.7722, 26.8080, 5.6273
YIQ	136.4040, 83.5830, -0.4570

Conversions

Conversions Part 2

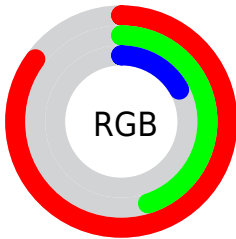
Format	Color
R _Y B	216, 163, 43
Decimal	14185003
CIE Lab	58.80, 35.20, 54.46
CIE LCh	59, 64.848, 57.123
Yxy	26.8094, 0.5174, 0.3989
Android (android.graphics.Color)	4292375083 (0xFFD8722B)
YUV	136.4040, -46.0482, 69.8057
Hunter-Lab	51.7764, 29.2692, 29.7996

Details

The HunterLab color **51.7764, 29.2692, 29.7996** 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 **50.7156, -5.9863, -44.8028**, and the grayscale version is **49.9340, -2.6644, 2.7130**.

A 20% lighter version of the original color is **70.5022, 21.1361, 34.9076**, and **32.6119, 26.9521, 20.5671** is the 20% darker color. If you saturate the color by 10%, you get **49.0049, 34.9463, 29.9261**, and if you desaturate by 10%, it is **54.8524, 23.8188, 28.8762**.

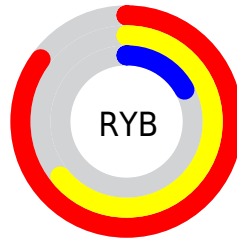
Distribution



Red (85%)

Green (45%)

Blue (17%)



Red (85%)

Yellow (64%)

Blue (17%)

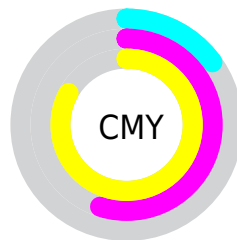


Cyan (0%)

Magenta (47%)

Yellow (80%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7764, 29.2692, 29.7996 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 51.7764, 29.2692, 29.7996 by changing the saturation by 10% instead.

51.7764, 29.2692,
29.7996

51.7764, 29.2692,
29.7996

169.3319, 35.8190,
60.7976

41.7494, 28.0699,
25.5962

73.8768, 31.3194,
37.5750

32.4679, 26.7481,
21.1405

85.8696, 32.1970,
41.2098

23.9990, 25.2935,
16.7993

98.4491, 32.9861,
44.7107

16.4299, 23.7157,
11.5009

111.5891, 33.6937,
48.0979

9.8838, 22.0959,
6.9187

125.2667, 34.3258,
51.3877

0.0000, INF, NaN

0.0000, NaN, NaN

139.4616, 34.8878,

54.5937

0.0000, NaN, NaN

154.1555, 35.3842,
57.7272

0.0000, NaN, NaN

■ 51.7764, 29.2692,
29.7996

■ 51.7764, 29.2692,
29.7996

■ 49.0049, 34.9463,
29.9261

■ 54.8524, 23.8188,
28.8762

■ 46.5684, 40.6361,
29.4066

■ 58.2042, 18.6927,
27.1805

■ 61.8079, 13.9324,
24.7731

■ 65.6391, 9.5534,
21.7269

■ 69.6754, 5.5509,
18.1159

■ 73.8966, 1.9082,
14.0093

■ 78.2847, -1.3984,
9.4690

■ 82.8240, -4.3955,
4.5488

■ 87.5008, -7.1104,
-0.7050

Harmonies

Analogous

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



51.7778, 53.3630, 20.9395



51.7764, 29.2692, 29.7996



51.7778, -0.0776, 32.1215

Triad

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



51.7778, 29.2656, 29.8002



51.7778, -45.7834, 5.2864



51.7778, 23.6841, -65.1438

Complementary

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



51.7764, 29.2692, 29.7996



50.7156, -5.9863, -44.8028

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.



51.7778, -5.3997, -77.0688



51.7764, 29.2692, 29.7996



51.7778, -42.0021, -25.8427

Square

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



51.7778, 29.2656, 29.8002



51.7778, -40.1865, 23.3991



51.7778, -28.5129, -59.9316



51.7778, 49.6956, -32.7061

Rectangle

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



51.7764, 29.2692, 29.7996



51.7778, -17.4659, 31.5597



51.7778, -28.5129, -59.9316



51.7778, 13.7832, -72.2391

Sweetspot

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



51.7778, 29.2656, 29.8002



87.0441, 4.0694, 19.0224



42.9268, 68.0609, -10.3700



39.4261, 2.6205, 9.6170

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.7778, 29.2656, 29.8002



57.0793, 46.9189, 35.6891



74.4862, -12.6650, 43.8569



36.3999, -0.7458, 4.2373



36.1066, 30.5451, 22.7834



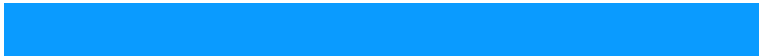
9.7319, 5.4186, 6.0916

Inverse Universe

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



50.7156, -5.9863, -44.8028



55.2908, -0.4880, -67.3893



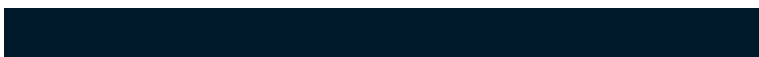
29.5549, 39.0098, -111.4319



36.3502, -2.9921, -0.3867



34.9127, 0.0697, -43.7883



9.4675, -1.4442, -8.7160

Previews

White Background



This preview shows how the HunterLab color 51.7764, 29.2692, 29.7996 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 51.7764, 29.2692, 29.7996 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 51.7764, 29.2692, 29.7996 Background



This preview shows how black text looks on a background with the HunterLab color 51.7764, 29.2692, 29.7996.



This preview shows how white text looks on a background with the HunterLab color 51.7764, 29.2692, 29.7996.

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

51.7764, 29.2692, 29.7996

Protanopia

51.9107, -6.4372, 28.4279

Deuteranopia

51.9933, 3.6213, 30.2881



Tritanopia

51.7594, 38.7742, 14.3369

Trichromacy



Original Color

51.7764, 29.2692, 29.7996

Protanomaly

51.3917, 5.8822, 28.6677

Deuteranomaly

51.5026, 12.7280, 29.8475

Tritanomaly

51.7319, 34.5521, 21.9004

Monochromacy



Original Color

51.7764, 29.2692, 29.7996

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.3933, 6.2009, 15.4554

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7764, 29.2692, 29.7996 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(216, 114, 43)` looks like.

```
.text, #text, p{  
    color:rgb(216, 114, 43)  
}
```

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(216, 114, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 114, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7764, 29.2692, 29.7996 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(216, 114, 43) }
```


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

```
.border{ border-color:rgb(216, 114, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 114, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 114, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 114, 43);  
box-shadow:4px 4px 4px 4px rgb(216, 114,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7764, 29.2692, 29.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 114, 43) }
```

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

```
.background{ background-color: rgb(216,  
114, 43) }
```

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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