

Converting Colors

HunterLab(50.7646, 21.8463,
27.7296)

Have a look what the booklet for
HunterLab(50.7646, 21.8463,
27.7296) contains.

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Color

**HunterLab(50.7646, 21.8463,
27.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7635
RGB	202, 118, 53
RGB Percent	79%, 46%, 21%
CMY	0.2078, 0.5372, 0.7922
CMYK	0.00, 0.42, 0.74, 0.21
HSL	26°, 58%, 50%
HSV	26°, 74%, 79%
XYZ	31.4781, 25.7704, 6.6832
YIQ	135.7060, 70.9290, -2.4070

Conversions

Conversions Part 2

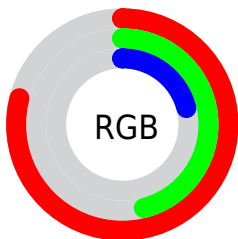
Format	Color
R_{YB}	202, 168, 53
Decimal	13268533
CIE _{Lab}	57.82, 27.75, 48.38
CIE _{LCh}	58, 55.773, 60.165
Yxy	25.7718, 0.4924, 0.4031
Android (android.graphics.Color)	4291458613 (0xFFCA7635)
YUV	135.7060, -40.7741, 58.1398
Hunter-Lab	50.7646, 21.8463, 27.7296

Details

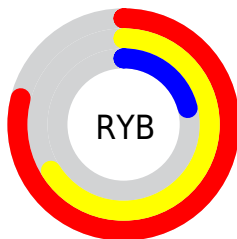
The HunterLab color **50.7646, 21.8463, 27.7296** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47.8655, -5.1761, -39.8094**, and the grayscale version is **49.6399, -2.6487, 2.6970**.

A 20% lighter version of the original color is **71.6694, 19.6587, 33.8910**, and **31.6339, 19.5950, 19.8357** is the 20% darker color. If you saturate the color by 10%, you get **48.0637, 26.7337, 28.3277**, and if you desaturate by 10%, it is **53.7070, 17.2477, 26.3987**.

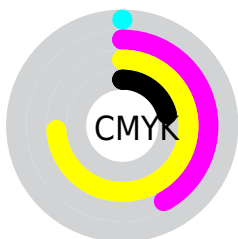
Distribution



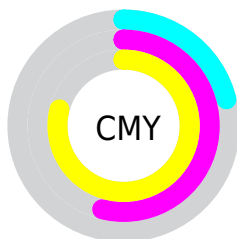
- Red (79%)
- Green (46%)
- Blue (21%)



- Red (79%)
- Yellow (66%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7646, 21.8463, 27.7296 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 50.7646, 21.8463, 27.7296 by changing the saturation by 10% instead.

50.7646, 21.8463,
27.7296

50.7646, 21.8463,
27.7296

167.8273, 25.9390,
55.8180

40.8081, 20.9556,
23.9314

72.7369, 23.3001,
34.7470

31.6028, 19.9446,
19.8852

84.6707, 23.8905,
38.0303

23.2177, 18.7955,
16.2524

97.1941, 24.4001,
41.1968

15.7424, 17.4978,
11.0196

110.2804, 24.8355,
44.2649

9.3043, 16.0773,
6.5130

123.9064, 25.2026,
47.2499

0.0000, INF, NaN

0.0000, NaN, NaN

138.0515, 25.5062,

50.1640

0.0000, NaN, NaN

152.6973, 25.7504,
53.0173

0.0000, NaN, NaN

■ 50.7646, 21.8463,
27.7296

■ 50.7646, 21.8463,
27.7296

■ 48.0637, 26.7337,
28.3277

■ 53.7070, 17.2477,
26.3987

■ 45.6188, 31.8409,
28.1899

■ 56.8673, 12.9894,
24.3742

■ 44.2232, 35.0505,
27.8637

■ 60.2272, 9.0841,
21.7157

■ 63.7683, 5.5297,
18.4877

■ 67.4736, 2.3127,
14.7530

■ 71.3280, -0.5867,
10.5700

■ 75.3180, -3.1919,
5.9909

■ 79.4317, -5.5270,
1.0612

■ 83.6584, -7.6158,
-4.1797

Harmonies

Analogous

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



50.7659, 42.6801, 19.9952



50.7646, 21.8463, 27.7296



50.7659, -2.8415, 29.7252

Triad

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



50.7659, 21.8431, 27.7302



50.7659, -40.5271, 2.6394



50.7659, 22.1097, -50.3811

Complementary

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



50.7646, 21.8463, 27.7296



47.8655, -5.1761, -39.8094

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.



50.7659, -2.5813, -61.9572



50.7646, 21.8463, 27.7296



50.7659, -36.2346, -24.0024

Square

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



50.7659, 21.8431, 27.7302



50.7659, -36.3282, 19.8645



50.7659, -23.3362, -50.6166



50.7659, 42.8527, -23.6838

Rectangle

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



50.7646, 21.8463, 27.7296



50.7659, -17.3996, 28.8513



50.7659, -23.3362, -50.6166



50.7659, 13.8634, -56.5967

Sweetspot

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



50.7659, 21.8431, 27.7302



88.5183, 2.4333, 18.4365



41.1357, 58.9581, -7.9676



40.3265, 1.6308, 9.1868

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.7659, 21.8431, 27.7302



60.4476, 39.0532, 36.8506



71.0928, -14.2792, 40.7479



34.6489, -0.8335, 4.0883



35.7146, 27.5187, 22.4889



8.9895, 4.2085, 5.6130

Inverse Universe

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



47.8655, -5.1761, -39.8094



55.8928, -0.6740, -65.9289



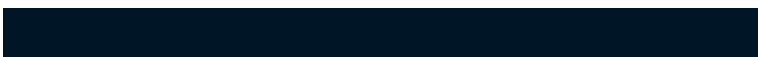
29.2728, 33.5491, -94.5493



34.4612, -2.7205, -0.4400



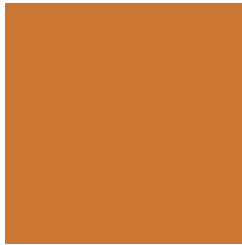
32.6338, 2.0348, -45.1819



8.3594, -1.1226, -8.0251

Previews

White Background



This preview shows how the HunterLab color 50.7646, 21.8463, 27.7296 looks on a white background.

Color Contrast Check

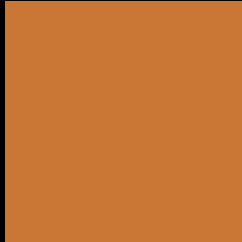
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7646, 21.8463, 27.7296 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 50.7646, 21.8463, 27.7296 Background



This preview shows how black text looks on a background with the HunterLab color 50.7646, 21.8463, 27.7296.



This preview shows how white text looks on a background with the HunterLab color 50.7646, 21.8463,

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

50.7646, 21.8463, 27.7296

Protanopia

51.0299, -6.4531, 26.5240

Deuteranopia

50.7178, 3.6695, 27.9195



Tritanopia

50.8159, 32.1464, 11.5121

Trichromacy



Original Color

50.7646, 21.8463, 27.7296

Protanomaly

50.5654, 3.3034, 26.6772

Deuteranomaly

50.5958, 10.0012, 27.8159

Tritanomaly

50.8330, 27.8335, 19.1827

Monochromacy



Original Color

50.7646, 21.8463, 27.7296

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.2084, 4.3858, 13.9695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7646, 21.8463, 27.7296 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(202, 118, 53)` looks like.

```
.text, #text, p{  
    color:rgb(202, 118, 53)  
}
```

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(202, 118, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 118, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7646, 21.8463, 27.7296 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(202, 118, 53) }
```


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

```
.border{ border-color:rgb(202, 118, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 118, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 118, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 118, 53);  
box-shadow:4px 4px 4px 4px rgb(202, 118,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7646, 21.8463, 27.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 118, 53) }
```

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

```
.background{ background-color: rgb(202,  
118, 53) }
```

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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