

# Converting Colors

HunterLab(52.2454, 21.5662,  
29.4578)

Have a look what the booklet for  
HunterLab(52.2454, 21.5662,  
29.4578) contains.

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# Color

**HunterLab(52.3430, 21.7042,  
29.4660)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CF7A30
RGB	207, 122, 48
RGB Percent	81%, 48%, 19%
CMY	0.1882, 0.5215, 0.8118
CMYK	0.00, 0.41, 0.77, 0.19
HSL	28°, 62%, 50%
HSV	28°, 77%, 81%
XYZ	33.2252, 27.3979, 6.3335
YIQ	138.9790, 74.4140, -4.9940

# Conversions

## Conversions Part 2

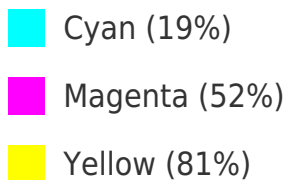
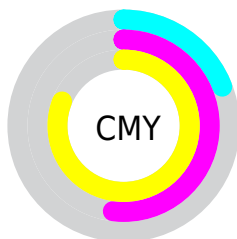
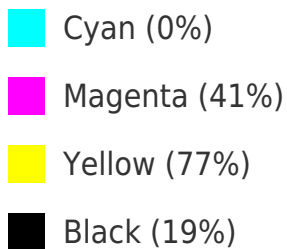
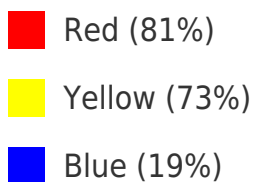
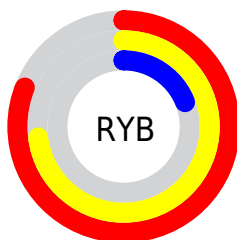
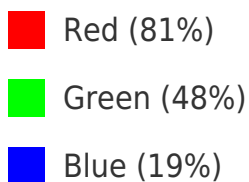
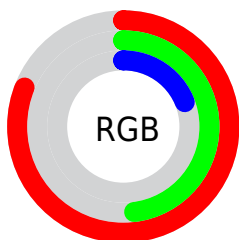
Format	Color
<a href="#">RYB</a>	<a href="#">207, 186, 48</a>
Decimal	<a href="#">13597232</a>
CIELab	<a href="#">59.34, 27.47, 52.41</a>
CIELCh	<a href="#">59, 59.169, 62.337</a>
Yxy	<a href="#">27.3993, 0.4962, 0.4092</a>
Android (android.graphics.Color)	<a href="#">4291787312</a> (0xFFCF7A30)
YUV	<a href="#">138.9790, -44.8526, 59.6544</a>
Hunter-Lab	<a href="#">52.3430, 21.7042, 29.4660</a>

# Details

The HunterLab color **52.3430, 21.7042, 29.4660** 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 **46.8052, -2.3238, -45.9764**, and the grayscale version is **50.9567, -2.7189, 2.7686**.

A 20% lighter version of the original color is **72.6779, 17.2832, 35.4565**, and **32.9208, 20.1958, 20.6392** is the 20% darker color. If you saturate the color by 10%, you get **49.7009, 26.5547, 29.8314**, and if you desaturate by 10%, it is **55.2141, 17.1538, 28.3290**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3430, 21.7042, 29.4660 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 52.3430, 21.7042, 29.4660 by changing the saturation by 10% instead.





 52.3430, 21.7042,  
29.4660


 52.3430, 21.7042,  
29.4660


170.1721, 25.6001,  
59.3942


 42.2769, 20.8433,  
25.4186


 74.5144, 23.1045,  
36.9547


 32.9532, 19.8648,  
21.1187

 86.5399, 23.6709,  
40.4588


 24.4380, 18.7504,  
17.1066

 99.1505, 24.1579,  
43.8365

 16.8171, 17.4878,  
11.7720

 112.3204, 24.5721,  
47.1071

 10.2112, 16.0877,  
7.1479

 126.0267, 24.9189,  
50.2862

0.0000, INF, NaN

0.0000, NaN, NaN


 140.2492, 25.2032,


53.3870


0.0000, NaN, NaN


154.9698, 25.4291,  
56.4200


0.0000, NaN, NaN


 52.3430, 21.7042,  
29.4660

 52.3430, 21.7042,  
29.4660

 49.7009, 26.5547,  
29.8314


 55.2141, 17.1538,  
28.3290


 47.2972, 31.6327,  
29.4604

 58.2936, 12.9557,  
26.4439

 46.5772, 33.2552,  
29.2828

 61.5657, 9.1238,  
23.8615

 65.0142, 5.6573,  
20.6423

 68.6236, 2.5442,  
16.8489

■ 72.3799, -0.2344,  
12.5413

■ 76.2704, -2.7011,  
7.7749

■ 80.2838, -4.8799,  
2.5991

■ 84.4100, -6.7947,  
-2.9424

# Harmonies

## Analogous

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



52.3444, 44.8559, 22.0197



52.3430, 21.7042, 29.4660



52.3444, -4.7604, 31.1745

# Triad

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



52.3444, 21.7009, 29.4666



52.3444, -43.0034, 0.9312



52.3444, 25.7818, -53.1077

# Complementary

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



52.3430, 21.7042, 29.4660



46.8052, -2.3238, -45.9764

# 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.



52.3444, -0.8017, -67.4728



52.3430, 21.7042, 29.4660



52.3444, -37.8197, -28.3571

# Square

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



52.3444, 21.7009, 29.4666



52.3444, -39.2241, 20.0736



52.3444, -23.4797, -56.7674



52.3444, 47.5085, -23.4425



# Rectangle

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



52.3430, 21.7042, 29.4660



52.3444, -19.9962, 30.0928



52.3444, -23.4797, -56.7674



52.3444, 16.9596, -60.3850

# Sweetspot

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



52.3444, 21.7009, 29.4666



88.5346, 1.9314, 19.4746



41.4022, 62.0348, -6.4659



40.1657, 1.5115, 9.8978

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.3444, 21.7009, 29.4666



60.9664, 37.6468, 37.5643



73.7213, -15.9378, 42.8986



35.6402, -0.9887, 4.2902



37.2211, 25.7915, 23.3870



9.6577, 4.1542, 6.0238



# Inverse Universe

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



46.8052, -2.3238, -45.9764



52.7934, 4.2974, -73.6436



28.2084, 38.5508, -106.0179



35.2834, -2.6592, -0.5596



31.8512, 4.5009, -49.5273

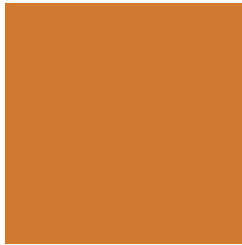


8.5164, -0.6501, -9.2414



# Previews

## White Background



This preview shows how the HunterLab color 52.3430, 21.7042, 29.4660 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 52.3430, 21.7042, 29.4660 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 52.3430, 21.7042, 29.4660 Background



This preview shows how black text looks on a background with the HunterLab color 52.3430, 21.7042, 29.4660.



This preview shows how white text looks on a background with the HunterLab color 52.3430, 21.7042,



# 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

52.3430, 21.7042, 29.4660

### Protanopia

52.6179, -6.8094, 28.3711

### Deuteranopia

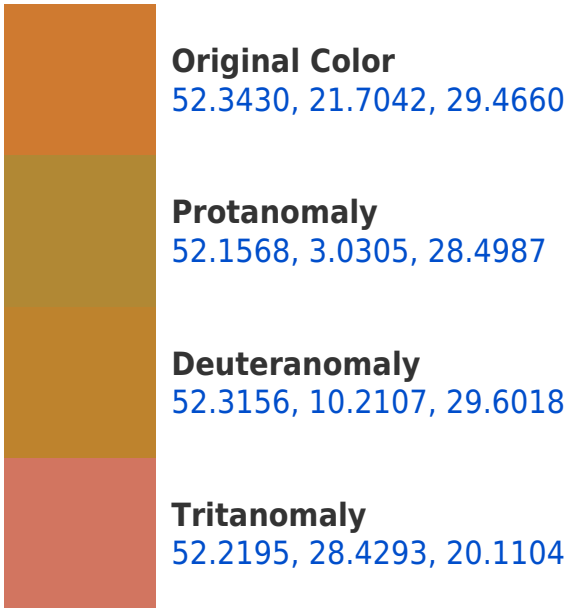
52.4271, 3.7980, 29.7872



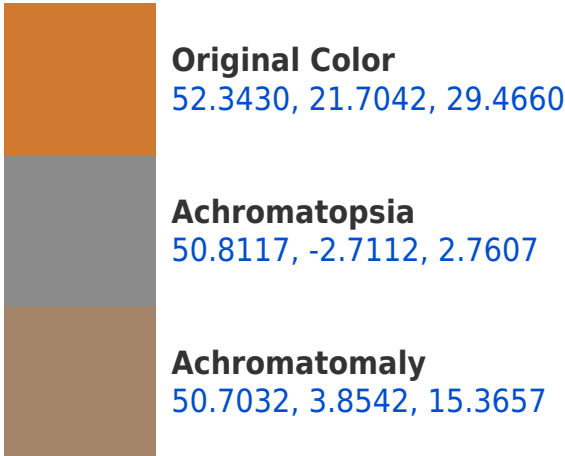
## Tritanopia

52.2624, 33.0562, 11.5239

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.3430, 21.7042, 29.4660 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(207, 122, 48)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 48)  
}
```

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(207, 122, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 48) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.3430, 21.7042, 29.4660 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(207, 122, 48) }
```



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

```
.border{ border-color:rgb(207, 122, 48) }
```

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

Here you see how a box with a 4 pixel rgb(207, 122, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 48);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
48) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.3430, 21.7042, 29.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 48) }
```

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

```
.background{ background-color: rgb(207,  
122, 48) }
```

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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