

# Converting Colors

HunterLab(52.1110, 13.5782,  
28.6519)

Have a look what the booklet for  
HunterLab(52.1110, 13.5782,  
28.6519) contains.

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# Color

**HunterLab(52.1110, 13.5782,  
28.6519)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C28034
RGB	194, 128, 52
RGB Percent	76%, 50%, 20%
CMY	0.2392, 0.4980, 0.7961
CMYK	0.00, 0.34, 0.73, 0.24
HSL	32° , 58%, 48%
HSV	32° , 73%, 76%
XYZ	30.5871, 27.1556, 6.8782
YIQ	139.0700, 63.7320, -9.6440

# Conversions

## Conversions Part 2

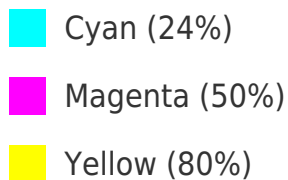
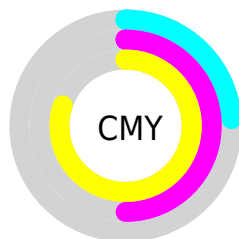
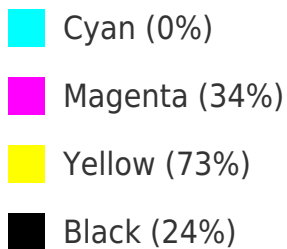
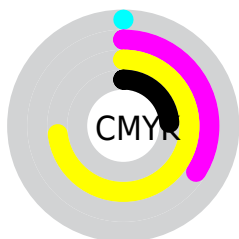
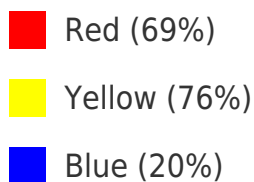
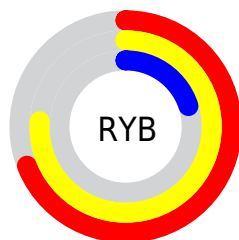
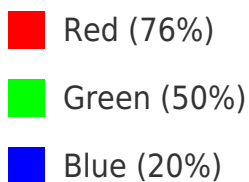
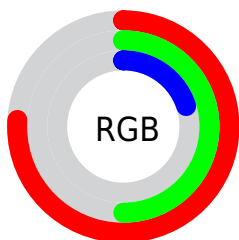
Format	Color
<a href="#">RYB</a>	<a href="#">175, 194, 52</a>
Decimal	<a href="#">12746804</a>
CIELab	<a href="#">59.12, 18.85, 49.86</a>
CIELCh	<a href="#">59, 53.306, 69.290</a>
Yxy	<a href="#">27.1569, 0.4733, 0.4202</a>
Android (android.graphics.Color)	<a href="#">4290936884</a> (0xFFC28034)
YUV	<a href="#">139.0700, -42.9255, 48.1736</a>
Hunter-Lab	<a href="#">52.1110, 13.5782, 28.6519</a>

# Details

The HunterLab color **52.1110, 13.5782, 28.6519** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **41.9298, 1.6834, -46.3036**, and the grayscale version is **50.9884, -2.7206, 2.7703**.

A 20% lighter version of the original color is **74.2279, 14.0140, 35.7346**, and **32.9032, 12.6695, 20.4966** is the 20% darker color. If you saturate the color by 10%, you get **49.7674, 17.3245, 29.2901**, and if you desaturate by 10%, it is **54.6139, 10.1484, 27.2852**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1110, 13.5782, 28.6519 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 52.1110, 13.5782, 28.6519 by changing the saturation by 10% instead.





 52.1110, 13.5782,  
28.6519


 52.1110, 13.5782,  
28.6519


169.8282, 14.4356,  
57.3496


 42.0608, 13.1184,  
24.7780


 74.2534, 14.2220,  
35.8180


 32.7543, 12.5556,  
20.6571


 86.2654, 14.4304,  
39.1732


 24.2581, 11.8697,  
16.9218

 98.8633, 14.5715,  
42.4094

 16.6584, 11.0383,  
11.6608

 112.0210, 14.6511,  
45.5453

 10.0768, 10.0365,  
7.0538

 125.7156, 14.6736,  
48.5960

0.0000, INF, NaN

0.0000, NaN, NaN


 139.9268, 14.6430,


51.5738


0.0000, NaN, NaN


154.6364, 14.5627,  
54.4888


0.0000, NaN, NaN


 52.1110, 13.5782,  
28.6519


 52.1110, 13.5782,  
28.6519


 49.7674, 17.3245,  
29.2901

 54.6139, 10.1484,  
27.2852

 47.5866, 21.3589,  
29.2136


 57.2631, 7.0599,  
25.2073


 46.1921, 24.2027,  
28.8871


 60.0501, 4.3123,  
22.4559


 62.9654, 1.8983,  
19.0775

 65.9997, -0.1957,  
15.1214

 69.1443, -1.9868,  
10.6370

 72.3913, -3.4941,  
5.6712

 75.7333, -4.7374,  
0.2678

 79.1635, -5.7363,  
-5.5335

# Harmonies

## Analogous

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



52.1123, 35.5014, 22.8807



52.1110, 13.5782, 28.6519



52.1123, -9.6467, 29.4341

# Triad

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



52.1123, 13.5753, 28.6524



52.1123, -39.2548, -4.3243



52.1123, 27.8510, -40.6404

# Complementary

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



52.1110, 13.5782, 28.6519



41.9298, 1.6834, -46.3036

# 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.



52.1123, 4.4547, -57.0624



52.1110, 13.5782, 28.6519



52.1123, -32.4559, -30.9187

# Square

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



52.1123, 13.5753, 28.6524



52.1123, -37.6612, 15.4920



52.1123, -17.3440, -52.8956



52.1123, 44.6740, -14.0950



# Rectangle

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



52.1110, 13.5782, 28.6519



52.1123, -22.4718, 27.6164



52.1123, -17.3440, -52.8956



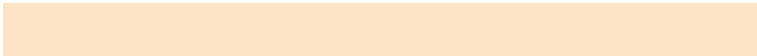
52.1123, 20.3463, -47.9520

# Sweetspot

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



52.1123, 13.5753, 28.6524



89.1891, -0.4828, 19.8698



39.0382, 54.0509, -1.1564



41.1994, 0.1151, 10.0306

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.1123, 13.5753, 28.6524



65.1411, 26.6458, 39.4701



70.4870, -19.6160, 40.3574



33.0917, -1.2208, 4.1336



37.6753, 19.1330, 23.5503



8.6611, 2.2410, 5.3762



# Inverse Universe

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



41.9298, 1.6834, -46.3036



49.2557, 10.3739, -80.7749



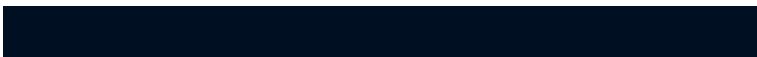
26.8576, 36.9930, -95.4741



32.4073, -2.1530, -0.7144



27.4726, 9.7203, -55.3216



6.8110, -0.0408, -8.4251



# Previews

## White Background



This preview shows how the HunterLab color 52.1110, 13.5782, 28.6519 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

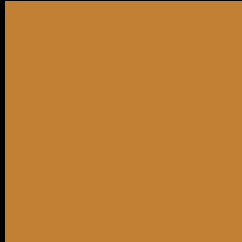
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.1110, 13.5782, 28.6519 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

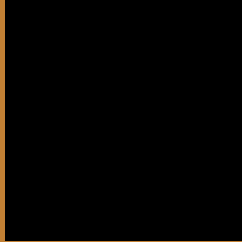
Any Text WCAG AA ✓ Pass

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 52.1110, 13.5782, 28.6519 Background



This preview shows how black text looks on a background with the HunterLab color 52.1110, 13.5782, 28.6519.



This preview shows how white text looks on a background with the HunterLab color 52.1110, 13.5782,



# 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

52.1110, 13.5782, 28.6519

### Protanopia

52.2507, -6.5991, 27.8357

### Deuteranopia

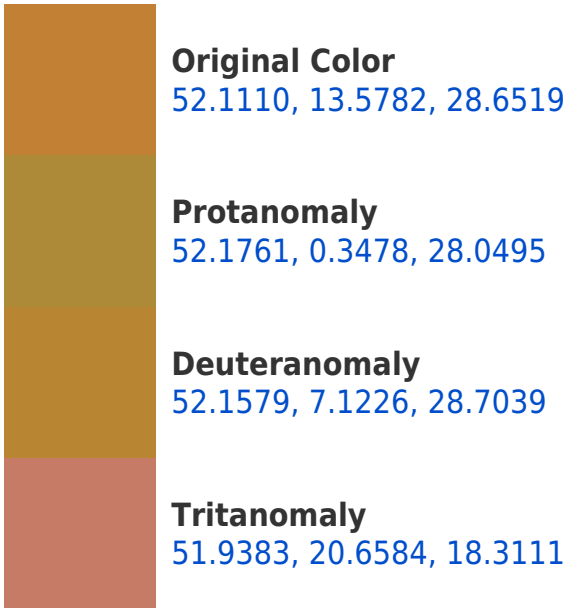
52.2528, 3.3196, 28.8321



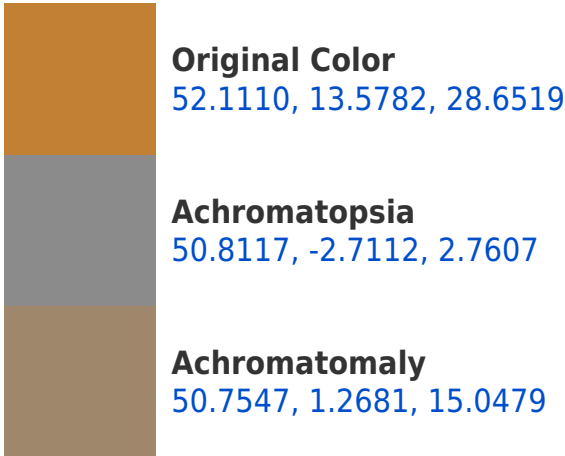
## Tritanopia

52.1153, 26.0466, 8.9411

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.1110, 13.5782, 28.6519 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(194, 128, 52)` looks like.

```
.text, #text, p{  
    color:rgb(194, 128, 52)  
}
```

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(194, 128, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 128, 52) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.1110, 13.5782, 28.6519 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(194, 128, 52) }
```



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

```
.border{ border-color:rgb(194, 128, 52) }
```

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

Here you see how a box with a 4 pixel rgb(194, 128, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 128, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 128, 52);  
box-shadow:4px 4px 4px 4px rgb(194, 128,  
52) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.1110, 13.5782, 28.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 128, 52) }
```

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

```
.background{ background-color: rgb(194,  
128, 52) }
```

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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