

# Converting Colors

HunterLab(53.4646, 20.5278,  
23.1270)

Have a look what the booklet for  
HunterLab(53.4646, 20.5278,  
23.1270) contains.

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# Color

**HunterLab(53.5917, 20.3013,  
23.1642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7F58
RGB	204, 127, 88
RGB Percent	80%, 50%, 35%
CMY	0.2000, 0.5019, 0.6549
CMYK	0.00, 0.38, 0.57, 0.20
HSL	20°, 53%, 57%
HSV	20°, 57%, 80%
XYZ	34.2527, 28.7207, 12.9708
YIQ	145.5770, 58.4110, 4.1950

# Conversions

## Conversions Part 2

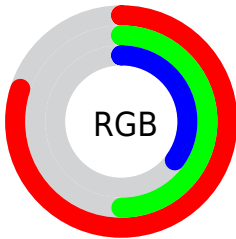
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	204, 147, 88
Decimal	13401944
CIELab	60.54, 25.92, 33.55
CIElCh	61, 42.395, 52.309
Yxy	28.7222, 0.4510, 0.3782
Android (android.graphics.Color)	4291592024 (0xFFCC7F58)
YUV	145.5770, -28.3855, 51.2370
Hunter-Lab	53.5917, 20.3013, 23.1642

# Details

The HunterLab color **53.5917, 20.3013, 23.1642** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **57.7433, -13.3271, -23.3089**, and the grayscale version is **53.5385, -2.8567, 2.9088**.

A 20% lighter version of the original color is **74.6770, 18.0427, 26.9384**, and **34.0277, 18.6557, 17.6391** is the 20% darker color. If you saturate the color by 10%, you get **50.1639, 25.6891, 24.9719**, and if you desaturate by 10%, it is **57.3104, 15.2219, 20.7874**.

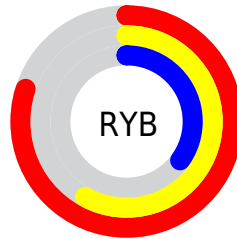
# Distribution



Red (80%)

Green (50%)

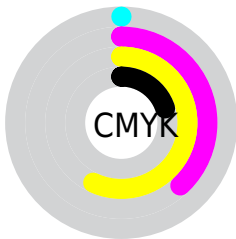
Blue (35%)



Red (80%)

Yellow (58%)

Blue (35%)

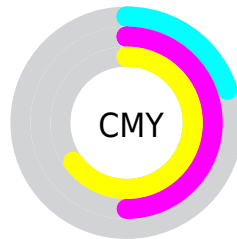


Cyan (0%)

Magenta (38%)

Yellow (57%)

Black (20%)



Cyan (20%)

Magenta (50%)


Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5917, 20.3013, 23.1642 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 53.5917, 20.3013, 23.1642 by changing the saturation by 10% instead.





 53.5917, 20.3013,  
23.1642


 53.5917, 20.3013,  
23.1642


172.0180, 23.5831,  
43.9173


 43.4405, 19.5238,  
20.4744


 75.9180, 21.5464,  
28.1961


 34.0249, 18.6322,  
17.6214


 88.0147, 22.0399,  
30.5838


 25.4092, 17.6079,  
14.5549


 100.6934, 22.4569,  
32.9082

 17.6762, 16.4352,  
11.9376

 113.9285, 22.8036,  
35.1810

 10.9410, 15.1116,  
7.6587

 127.6974, 23.0853,  
37.4115

 2.4351, 46.2532,  
1.7046

141.9802, 23.3066,

0.0000, NaN, NaN

39.6073

0.0000, NaN, NaN

156.7591, 23.4714,  
41.7742

0.0000, NaN, NaN

■ 53.5917, 20.3013,  
23.1642

■ 53.5917, 20.3013,  
23.1642

■ 50.1639, 25.6891,  
24.9719

■ 57.3104, 15.2219,  
20.7874

■ 47.0575, 31.3281,  
26.1298

■ 61.2836, 10.4870,  
17.9200

■ 44.3088, 37.0955,  
26.5808

■ 65.4840, 6.0947,  
14.6370

■ 41.9475, 42.8008,  
26.3374

■ 69.8860, 2.0303,  
11.0024

■ 41.2843, 44.5137,  
26.2185

■ 74.4679, -1.7291,  
7.0698

■ 79.2108, -5.2103,  
2.8831

■ 84.0989, -8.4404,  
-1.5218

■ 89.1182, -11.4459,  
-6.1161

■ 93.6634, -17.5729,  
-2.4805

# Harmonies

## Analogous

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



53.5931, 33.5771, 14.0946



53.5917, 20.3013, 23.1642



53.5931, 1.9102, 26.5589

# Triad

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



53.5931, 20.2983, 23.1649



53.5931, -33.3655, 7.1909



53.5931, 11.1041, -38.0118

# Complementary

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



53.5917, 20.3013, 23.1642



57.7433, -13.3271, -23.3089

# 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.



53.5931, -7.4737, -41.7678



53.5917, 20.3013, 23.1642



53.5931, -31.5905, -11.3477

# Square

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



53.5931, 20.2983, 23.1649



53.5931, -27.8767, 19.5629



53.5931, -22.6552, -30.7478



53.5931, 27.7936, -21.7382



# Rectangle

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



53.5917, 20.3013, 23.1642



53.5931, -10.1327, 26.3407



53.5931, -22.6552, -30.7478



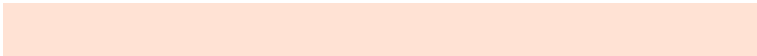
53.5931, 4.8172, -40.9596

# Sweetspot

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



53.5931, 20.2983, 23.1649



89.7284, 2.7939, 14.3341



47.4824, 49.2837, -14.5272



40.9708, 1.7712, 7.0860

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.5931, 20.2983, 23.1649



63.7117, 34.5063, 32.5083



69.3545, -8.2741, 34.6981



34.3800, -0.3772, 3.7957



32.9888, 34.6604, 20.9343



8.3735, 5.6134, 5.2580



# Inverse Universe

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



57.7433, -13.3271, -23.3089



69.8496, -16.4604, -37.5524



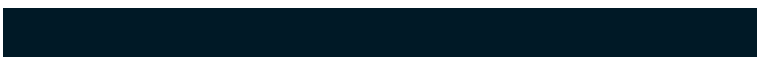
41.2548, 15.2751, -56.4118



34.7373, -3.1706, -0.1058



37.2819, -5.6935, -34.3085



9.2388, -2.4521, -6.2542



# Previews

## White Background



This preview shows how the HunterLab color 53.5917, 20.3013, 23.1642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

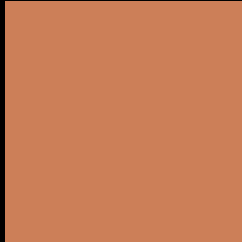
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.5917, 20.3013, 23.1642 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

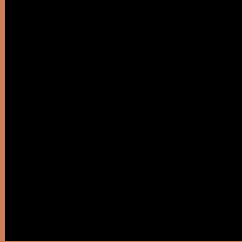
Any Text WCAG AA ✓ Pass

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 53.5917, 20.3013, 23.1642 Background



This preview shows how black text looks on a background with the HunterLab color 53.5917, 20.3013, 23.1642.



This preview shows how white text looks on a background with the HunterLab color 53.5917, 20.3013,



# 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

53.5917, 20.3013, 23.1642

### Protanopia

53.6236, -5.1548, 20.9819

### Deuteranopia

53.7373, 3.5445, 23.6924



## Tritanopia

53.6872, 28.3620, 9.8647

# Trichromacy



**Original Color**

53.5917, 20.3013, 23.1642

**Protanomaly**

53.2465, 3.5119, 21.5973

**Deuteranomaly**

53.4459, 9.4606, 23.3319

**Tritanomaly**

53.6423, 25.1069, 15.5663

# Monochromacy



**Original Color**

53.5917, 20.3013, 23.1642

**Achromatopsia**

53.6135, -2.8607, 2.9129

**Achromatomaly**

53.0673, 4.2430, 11.0970

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.5917, 20.3013, 23.1642 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, 127, 88)` looks like.

```
.text, #text, p{  
    color:rgb(204, 127, 88)  
}
```

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, 127, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 127, 88) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.5917, 20.3013, 23.1642 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, 127, 88) }
```



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

```
.border{ border-color:rgb(204, 127, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 127, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 127, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 127, 88);  
box-shadow:4px 4px 4px 4px rgb(204, 127,  
88) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.5917, 20.3013, 23.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 127, 88) }
```

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

```
.background{ background-color: rgb(204,  
127, 88) }
```

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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