

Converting Colors

HunterLab(53.6633, 7.1859,
33.1928)

Have a look what the booklet for
HunterLab(53.6633, 7.1859,
33.1928) contains.

HunterLab(53.5581, 7.2248, 33.1287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(53.5581, 7.2248,
33.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8800
RGB	191, 136, 0
RGB Percent	75%, 53%, 0%
CMY	0.2510, 0.4666, 1.0000
CMYK	0.00, 0.29, 1.00, 0.25
HSL	43°, 100%, 37%
HSV	43°, 100%, 75%
XYZ	30.2900, 28.6847, 3.9403
YIQ	136.9410, 76.4360, -30.6360

Conversions

Conversions Part 2

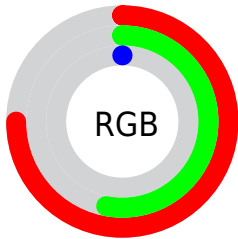
Format	Color
R_{YB}	77, 191, 0
Decimal	12552192
CIE _{Lab}	60.50, 11.77, 65.75
CIE _{LCh}	61, 66.792, 79.849
Yxy	28.6861, 0.4814, 0.4559
Android (android.graphics.Color)	4290742272 (0xFFBF8800)
YUV	136.9410, -67.5119, 47.4097
Hunter-Lab	53.5581, 7.2248, 33.1287

Details

The HunterLab color **53.5581, 7.2248, 33.1287** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **25.4843, 30.8422, -98.4309**, and the grayscale version is **50.2322, -2.6803, 2.7292**.

A 20% lighter version of the original color is **75.8588, 7.2064, 42.2108**, and **34.2373, 7.4650, 21.2275** is the 20% darker color. If you saturate the color by 10%, you get **53.5586, 7.2235, 33.1290**, and if you desaturate by 10%, it is **55.0661, 4.7830, 33.3465**.

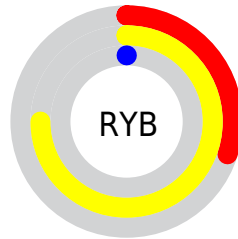
Distribution



Red (75%)

Green (53%)

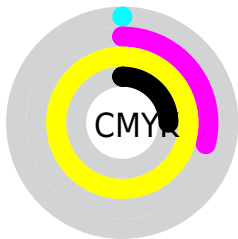
Blue (0%)



Red (30%)

Yellow (75%)

Blue (0%)

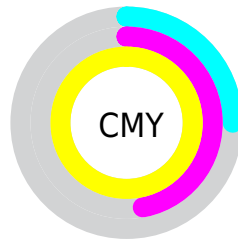


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5581, 7.2248, 33.1287 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 53.5581, 7.2248, 33.1287 by changing the saturation by 10% instead.

■ 53.5581, 7.2248,
33.1287

■ 53.5581, 7.2248,
33.1287

171.9684, 5.4078,
69.5014

■ 43.4091, 7.1321,
28.2107

■ 75.8802, 7.1888,
42.2763

■ 33.9960, 6.9580,
23.2988

■ 87.9751, 7.0798,
46.5574

■ 25.3830, 6.6855,
17.7681

■ 100.6520, 6.9164,
50.6773

■ 17.6529, 6.2945,
12.3571

■ 113.8853, 6.7028,
54.6571

■ 10.9212, 5.7548,
7.6449

■ 127.6525, 6.4423,
58.5152

■ 2.3613, 21.5968,
1.6529

■ 141.9337, 6.1381,

0.0000, NaN, NaN

62.2669

0.0000, NaN, NaN

156.7111, 5.7925,
65.9253

0.0000, NaN, NaN

53.5581, 7.2248,
33.1287

53.5581, 7.2248,
33.1287

53.5586, 7.2235,
33.1290

55.0661, 4.7830,
33.3465

56.6450, 2.5715,
33.0113

58.3056, 0.6535,
31.9613

60.0491, -0.9507,
30.1601

61.8753, -2.2313,
27.5970

■ 63.7828, -3.1855,
24.2786

■ 65.7696, -3.8164,
20.2231

■ 67.8334, -4.1308,
15.4565

■ 69.9715, -4.1384,
10.0101

Harmonies

Analogous

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



53.5595, 37.5949, 29.5289



53.5581, 7.2248, 33.1287



53.5595, -20.3491, 32.5251

Triad

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



53.5595, 7.2220, 33.1292



53.5595, -45.5299, -18.1616



53.5595, 46.2147, -43.2148

Complementary

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



53.5581, 7.2248, 33.1287



25.4843, 30.8422, -98.4309

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.



53.5595, 17.2066, -73.7560



53.5581, 7.2248, 33.1287



53.5595, -34.0164, -54.7761

Square

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



53.5595, 7.2220, 33.1292



53.5595, -47.0959, 11.3708



53.5595, -12.2486, -78.8408



53.5595, 63.0476, -7.1923

Rectangle

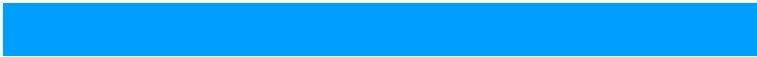
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.5581, 7.2248, 33.1287



53.5595, -33.8480, 29.5954



53.5595, -12.2486, -78.8408



53.5595, 37.3106, -55.1183

Sweetspot

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



53.5595, 7.2220, 33.1292



87.8886, -5.0766, 27.3475



33.7269, 58.6414, 14.9331



40.6482, -2.2305, 13.9472



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



53.5595, 7.2220, 33.1292



71.3711, 10.2342, 44.1577



66.3433, -30.7291, 40.3422



32.6246, -1.9211, 4.4829



43.5834, 5.5516, 26.9531



9.2245, 0.0341, 5.6847

Inverse Universe

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



25.4843, 30.8422, -98.4309



33.5737, 42.8477, -134.4600



20.4398, 53.4032, -129.4457



31.0820, -1.3621, -1.2289



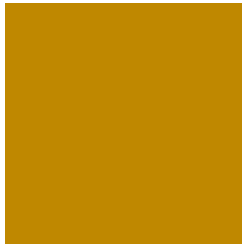
20.9501, 24.1605, -78.3414



5.3676, 1.8378, -10.6761

Previews

White Background



This preview shows how the HunterLab color 53.5581, 7.2248, 33.1287 looks on a white background.

Color Contrast Check

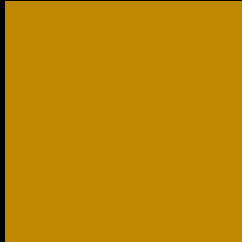
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5581, 7.2248, 33.1287 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 53.5581, 7.2248, 33.1287 Background



This preview shows how black text looks on a background with the HunterLab color 53.5581, 7.2248, 33.1287.



This preview shows how white text looks on a background with the HunterLab color 53.5581, 7.2248,

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

53.5581, 7.2248, 33.1287

Protanopia

53.7525, -7.6698, 32.6041

Deuteranopia

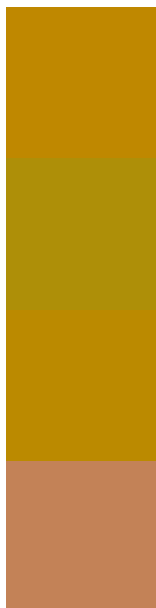
53.6466, 3.4105, 33.1165



Tritanopia

53.4505, 23.1140, 7.5034

Trichromacy



Original Color

53.5581, 7.2248, 33.1287

Protanomaly

53.5361, -2.5916, 32.6889

Deuteranomaly

53.6113, 4.6740, 33.1169

Tritanomaly

53.1559, 15.1352, 22.9620

Monochromacy



Original Color

53.5581, 7.2248, 33.1287

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.7420, -2.3643, 20.6898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5581, 7.2248, 33.1287 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(191, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 136, 0)  
}
```

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(191, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5581, 7.2248, 33.1287 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(191, 136, 0) }
```


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

```
.border{ border-color:rgb(191, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5581, 7.2248, 33.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 136, 0) }
```

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

```
.background{ background-color: rgb(191,  
136, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor