

Converting Colors

HunterLab(53.6636, 15.9181,
33.3459)

Have a look what the booklet for
HunterLab(53.6636, 15.9181,
33.3459) contains.

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Color

**HunterLab(53.8000, 15.8679,
33.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8200
RGB	205, 130, 0
RGB Percent	80%, 51%, 0%
CMY	0.1961, 0.4902, 1.0000
CMYK	0.00, 0.37, 1.00, 0.20
HSL	38°, 100%, 40%
HSV	38°, 100%, 80%
XYZ	33.1595, 28.9444, 3.8391
YIQ	137.6050, 86.4300, -24.5300

Conversions

Conversions Part 2

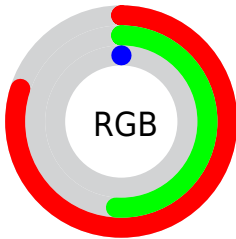
Format	Color
R_{YB}	118, 205, 0
Decimal	13468160
CIE _{Lab}	60.73, 21.24, 66.71
CIE _{LCh}	61, 70.014, 72.340
Yxy	28.9459, 0.5028, 0.4389
Android (android.graphics.Color)	4291658240 (0xFFCD8200)
YUV	137.6050, -67.8393, 59.1054
Hunter-Lab	53.8000, 15.8679, 33.4291

Details

The HunterLab color **53.8000, 15.8679, 33.4291** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **30.7251, 24.8679, -92.0853**, and the grayscale version is **50.4948, -2.6943, 2.7435**.

A 20% lighter version of the original color is **74.5447, 11.4923, 41.5267**, and **34.2886, 15.7173, 21.4036** is the 20% darker color. If you saturate the color by 10%, you get **53.8005, 15.8664, 33.4294**, and if you desaturate by 10%, it is **55.7376, 12.3858, 33.8325**.

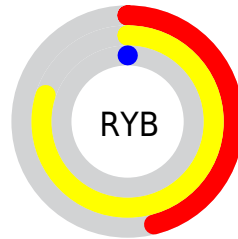
Distribution



Red (80%)

Green (51%)

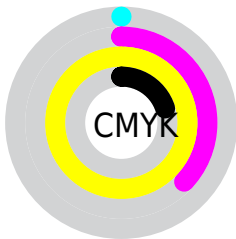
Blue (0%)



Red (46%)

Yellow (80%)

Blue (0%)

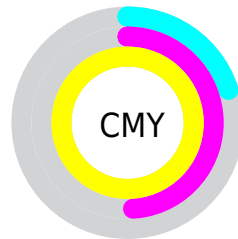


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8000, 15.8679, 33.4291 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 53.8000, 15.8679, 33.4291 by changing the saturation by 10% instead.

■ 53.8000, 15.8679,
33.4291

■ 53.8000, 15.8679,
33.4291

172.3252, 17.4909,
70.2484

■ 43.6347, 15.3092,
28.4548

■ 76.1519, 16.6995,
42.6879

■ 34.2040, 14.6450,
23.5166

■ 88.2605, 16.9976,
47.0223

■ 25.5717, 13.8554,
17.9002

■ 100.9505, 17.2258,
51.1936

■ 17.8202, 12.9202,
12.4741

■ 114.1963, 17.3899,
55.2230

■ 11.0638, 11.8193,
7.7447

■ 127.9756, 17.4946,
59.1289

■ 2.8503, 32.3185,
1.9952

■ 142.2684, 17.5441,

0.0000, NaN, NaN

62.9266

0.0000, NaN, NaN

157.0570, 17.5419,
66.6294

0.0000, NaN, NaN

53.8000, 15.8679,
33.4291

53.8000, 15.8679,
33.4291

53.8005, 15.8664,
33.4294

55.7376, 12.3858,
33.8325

57.7855, 9.1631,
33.6142

59.9518, 6.2692,
32.6142

62.2347, 3.7270,
30.8073

64.6305, 1.5453,
28.1986

■ 67.1348, -0.2765,
24.8114

■ 69.7426, -1.7456,
20.6803

■ 72.4486, -2.8739,
15.8459

■ 75.2479, -3.6762,
10.3517

Harmonies

Analogous

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



53.8014, 47.0263, 28.4031



53.8000, 15.8679, 33.4291



53.8014, -14.7099, 33.7468

Triad

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



53.8014, 15.8647, 33.4296



53.8014, -48.5978, -10.2392



53.8014, 41.9995, -55.8521

Complementary

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



53.8000, 15.8679, 33.4291



30.7251, 24.8679, -92.0853

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.



53.8014, 10.0836, -83.5866



53.8000, 15.8679, 33.4291



53.8014, -39.3655, -49.0219

Square

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



53.8014, 15.8647, 33.4296



53.8014, -47.7161, 17.1147



53.8014, -19.3534, -80.5639



53.8014, 64.2512, -16.6287

Rectangle

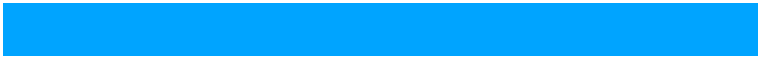
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8000, 15.8679, 33.4291



53.8014, -30.5035, 31.7911



53.8014, -19.3534, -80.5639



53.8014, 31.7791, -67.5950

Sweetspot

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



53.8014, 15.8647, 33.4296



89.1291, -2.1697, 26.6890



36.7282, 64.2862, 12.9614



40.5696, -0.6542, 13.4375

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.8014, 15.8647, 33.4296



68.5558, 20.9132, 42.6099



72.8615, -29.2316, 44.3849



35.1848, -1.7329, 4.6655



42.6685, 12.0796, 26.5036



10.3959, 1.3905, 6.4302

Inverse Universe

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



30.7251, 24.8679, -92.0853



38.8581, 33.0113, -119.8311



21.5538, 57.3583, -144.5926



33.9188, -1.8264, -1.1044



24.5824, 18.7706, -71.2462



6.7488, 1.7013, -12.1079

Previews

White Background



This preview shows how the HunterLab color 53.8000, 15.8679, 33.4291 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 53.8000, 15.8679, 33.4291 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 53.8000, 15.8679, 33.4291 Background



This preview shows how black text looks on a background with the HunterLab color 53.8000, 15.8679, 33.4291.



This preview shows how white text looks on a background with the HunterLab color 53.8000, 15.8679,

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

53.8000, 15.8679, 33.4291

Protanopia

53.8599, -7.2722, 32.5634

Deuteranopia

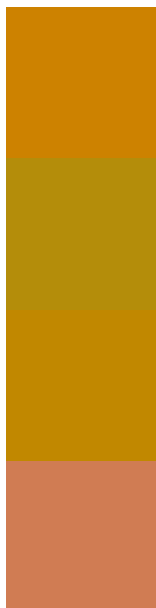
53.7628, 3.8007, 33.1949



Tritanopia

53.8406, 29.9219, 10.4435

Trichromacy



Original Color

53.8000, 15.8679, 33.4291

Protanomaly

53.6423, 0.6366, 32.7479

Deuteranomaly

53.8013, 8.0232, 33.2926

Tritanomaly

53.3383, 23.0562, 24.1737

Monochromacy



Original Color

53.8000, 15.8679, 33.4291

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.7089, 0.4083, 20.4589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8000, 15.8679, 33.4291 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(205, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 130, 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(205, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 130, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8000, 15.8679, 33.4291 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(205, 130, 0) }
```


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

```
.border{ border-color:rgb(205, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 130,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8000, 15.8679, 33.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 130, 0) }
```

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

```
.background{ background-color: rgb(205,  
130, 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](#).

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