

Converting Colors

HunterLab(53.8591, 18.4733,
33.5112)

Have a look what the booklet for
HunterLab(53.8591, 18.4733,
33.5112) contains.

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Color

**HunterLab(53.8458, 18.5261,
33.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	D18000
RGB	209, 128, 0
RGB Percent	82%, 50%, 0%
CMY	0.1804, 0.4980, 1.0000
CMYK	0.00, 0.39, 1.00, 0.18
HSL	37°, 100%, 41%
HSV	37°, 100%, 82%
XYZ	34.0137, 28.9937, 3.8037
YIQ	137.6270, 89.3640, -22.6360

Conversions

Conversions Part 2

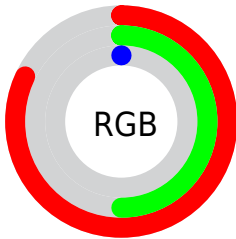
Format	Color
R_{YB}	132, 209, 0
Decimal	13729792
CIE _{Lab}	60.78, 24.05, 66.99
CIE _{LCh}	61, 71.178, 70.253
Yxy	28.9952, 0.5091, 0.4340
Android (android.graphics.Color)	4291919872 (0xFFD18000)
YUV	137.6270, -67.8501, 62.5941
Hunter-Lab	53.8458, 18.5261, 33.5038

Details

The HunterLab color **53.8458, 18.5261, 33.5038** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **32.3867, 22.9726, -90.0707**, and the grayscale version is **50.5029, -2.6947, 2.7439**.

A 20% lighter version of the original color is **73.9932, 12.5274, 41.1706**, and **34.2705, 17.8276, 21.4294** is the 20% darker color. If you saturate the color by 10%, you get **53.8461, 18.5248, 33.5040**, and if you desaturate by 10%, it is **55.8992, 14.7318, 33.9548**.

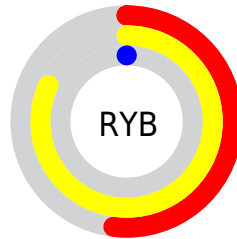
Distribution



Red (82%)

Green (50%)

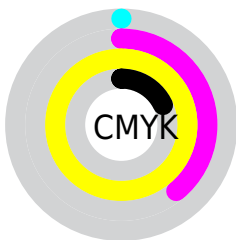
Blue (0%)



Red (52%)

Yellow (82%)

Blue (0%)

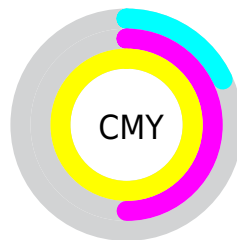


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8458, 18.5261, 33.5038 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 53.8458, 18.5261, 33.5038 by changing the saturation by 10% instead.

■ 53.8458, 18.5261,
33.5038

■ 53.8458, 18.5261,
33.5038

172.3927, 21.1391,
70.4538

■ 43.6775, 17.8365,
28.5129

■ 76.2033, 19.6043,
42.7954

■ 34.2434, 17.0363,
23.5692

■ 88.3145, 20.0191,
47.1455

■ 25.6075, 16.1060,
17.9253

■ 101.0070, 20.3600,
51.3318

■ 17.8519, 15.0278,
12.4963

■ 114.2552, 20.6331,
55.3757

■ 11.0909, 13.7905,
7.7636

■ 128.0367, 20.8434,
59.2955

■ 2.9337, 35.5642,
2.0536

■ 142.3318, 20.9955,

0.0000, NaN, NaN

63.1067

0.0000, NaN, NaN

157.1225, 21.0929,
66.8224

0.0000, NaN, NaN

53.8458, 18.5261,
33.5038

53.8458, 18.5261,
33.5038

53.8461, 18.5248,
33.5040

55.8992, 14.7318,
33.9548

58.0775, 11.2020,
33.7650

60.3876, 8.0097,
32.7751

62.8264, 5.1791,
30.9638

65.3890, 2.7196,
28.3411

■ 68.0696, 0.6300,
24.9356

■ 70.8623, -1.0982,
20.7864

■ 73.7607, -2.4783,
15.9386

■ 76.7589, -3.5265,
10.4392

Harmonies

Analogous

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



53.8472, 49.9010, 28.0332



53.8458, 18.5261, 33.5038



53.8472, -12.9714, 34.0635

Triad

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



53.8472, 18.5228, 33.5043



53.8472, -49.4710, -8.0353



53.8472, 40.7516, -59.8297

Complementary

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



53.8458, 18.5261, 33.5038



32.3867, 22.9726, -90.0707

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.



53.8472, 8.0227, -86.5931



53.8458, 18.5261, 33.5038



53.8472, -40.8836, -47.3487

Square

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



53.8472, 18.5228, 33.5043



53.8472, -47.8831, 18.6435



53.8472, -21.3802, -81.0604



53.8472, 64.5929, -19.6653

Rectangle

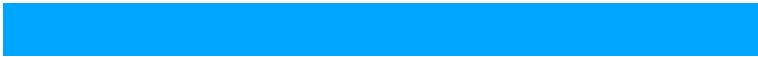
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8458, 18.5261, 33.5038



53.8472, -29.4724, 32.3541



53.8472, -21.3802, -81.0604



53.8472, 30.1565, -71.4877

Sweetspot

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



53.8472, 18.5228, 33.5043



88.6204, -1.3072, 26.2288



37.6688, 66.1902, 11.2952



40.3030, -0.1999, 13.2048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.8472, 18.5228, 33.5043



67.1534, 23.7803, 41.7959



75.0365, -27.6816, 45.7523



36.0502, -1.6765, 4.7315



42.5127, 14.0709, 26.4425



10.7799, 1.8975, 6.6757

Inverse Universe

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



32.3867, 22.9726, -90.0707



40.1379, 29.7988, -114.4959



21.8223, 58.4628, -149.4194



34.8687, -1.9753, -1.0679



25.7774, 17.2050, -69.3603



7.2370, 1.6231, -12.5493

Previews

White Background



This preview shows how the HunterLab color 53.8458, 18.5261, 33.5038 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 53.8458, 18.5261, 33.5038 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 53.8458, 18.5261, 33.5038 Background



This preview shows how black text looks on a background with the HunterLab color 53.8458, 18.5261, 33.5038.



This preview shows how white text looks on a background with the HunterLab color 53.8458, 18.5261,

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

53.8458, 18.5261, 33.5038

Protanopia

54.1518, -7.7130, 32.6964

Deuteranopia

54.0326, 3.3200, 33.3528



Tritanopia

53.8965, 32.2776, 11.3101

Trichromacy



Original Color

53.8458, 18.5261, 33.5038

Protanomaly

53.8672, 1.4026, 32.9012

Deuteranomaly

53.9237, 8.4239, 33.3750

Tritanomaly

53.3949, 25.5571, 24.7051

Monochromacy



Original Color

53.8458, 18.5261, 33.5038

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.6432, 1.5931, 20.4251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8458, 18.5261, 33.5038 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(209, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 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(209, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8458, 18.5261, 33.5038 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(209, 128, 0) }
```


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

```
.border{ border-color:rgb(209, 128, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 128, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8458, 18.5261, 33.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 0) }
```

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

```
.background{ background-color: rgb(209,  
128, 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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