

Converting Colors

HunterLab(56.4303, -48.3050,
33.8891)

Have a look what the booklet for
HunterLab(56.4303, -48.3050,
33.8891) contains.

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Color

**HunterLab(56.4410,
-48.3255, 33.9025)**

Conversions

Conversions Part 1

Format	Color
Hex	02B201
RGB	2, 178, 1
RGB Percent	1%, 70%, 0%
CMY	0.9922, 0.3019, 0.9960
CMYK	0.99, 0.00, 0.99, 0.30
HSL	120°, 99%, 35%
HSV	120°, 99%, 70%
XYZ	15.9509, 31.8559, 5.3368
YIQ	105.1980, -48.0790, -92.3590

Conversions

Conversions Part 2

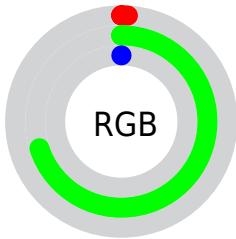
Format	Color
RYB	1, 178, 177
Decimal	176641
CIELab	63.22, -65.69, 63.40
CIELCh	63, 91.291, 136.016
Yxy	31.8572, 0.3001, 0.5994
Android (android.graphics.Color)	4278366721 (0xFF02B201)
YUV	105.1980, -51.3696, -90.5046
Hunter-Lab	56.4410, -48.3255, 33.9025

Details

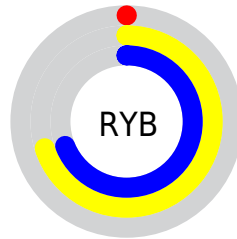
The HunterLab color **56.4410, -48.3255, 33.9025** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **35.4767, 69.6555, -47.3145**, and the grayscale version is **37.8633, -2.0203, 2.0572**.

A 20% lighter version of the original color is **79.0792, -57.0157, 42.6036**, and **37.6376, -32.2743, 22.6271** is the 20% darker color. If you saturate the color by 10%, you get **56.4344, -48.3634, 33.9279**, and if you desaturate by 10%, it is **56.5986, -47.5795, 33.4060**.

Distribution



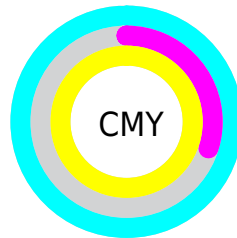
- Red (1%)
- Green (70%)
- Blue (0%)



- Red (0%)
- Yellow (70%)
- Blue (69%)



- Cyan (99%)
- Magenta (0%)
- Yellow (99%)
- Black (30%)



- Cyan (99%)
- Magenta (30%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4410, -48.3255, 33.9025 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 56.4410, -48.3255, 33.9025 by changing the saturation by 10% instead.

■ 56.4410, -48.3255,
33.9025

■ 56.4410, -48.3255,
33.9025

176.2011,
-83.1189, 68.7959

■ 46.1004, -43.5798,
29.2036

■ 79.1120, -57.0562,
42.6433

■ 36.4810, -38.4871,
24.2724

■ 91.3680, -61.1323,
46.7405

■ 27.6431, -32.9411,
19.3502

■ 104.1987,
-65.0589, 50.6886

■ 19.6631, -26.7828,
13.7642

■ 117.5794,
-68.8593, 54.5076

■ 12.6455, -22.1297,
8.8519

■ 131.4884,
-72.5518, 58.2146

■ 5.9749, -10.4560,
4.1824

■ 145.9063,

0.0000, NaN, NaN

-76.1515, 61.8239

0.0000, NaN, NaN

160.8157,
-79.6705, 65.3476

0.0000, NaN, NaN

■ 56.4410, -48.3255,
33.9025

■ 56.4410, -48.3255,
33.9025

■ 56.4344, -48.3634,
33.9279

■ 56.5986, -47.5795,
33.4060

■ 56.8982, -46.1566,
32.4611

■ 57.3825, -43.8728,
30.9313

■ 58.0704, -40.6659,
28.7729

■ 58.9744, -36.5161,
25.9716

■ 60.1017, -31.4397,
22.5380

■ 61.4552, -25.4830,
18.5030

■ 63.0336, -18.7142,
13.9130

■ 64.8326, -11.2163,
8.8244

Harmonies

Analogous

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



56.4422, -22.6794, 37.8432



56.4410, -48.3255, 33.9025



56.4422, -59.8773, 18.0289

Triad

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



56.4422, -48.3263, 33.9027



56.4422, -20.4002, -123.7338



56.4422, 91.3966, 19.7407

Complementary

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



56.4410, -48.3255, 33.9025



35.4767, 69.6555, -47.3145

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.



56.4422, 92.5124, -17.5869



56.4410, -48.3255, 33.9025



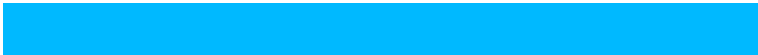
56.4422, 19.7760, -121.9184

Square

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



56.4422, -48.3263, 33.9027



56.4422, -47.0597, -78.8257



56.4422, 63.5560, -74.8537



56.4422, 60.8336, 34.4124

Rectangle

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



56.4410, -48.3255, 33.9025



56.4422, -60.8849, -5.1333



56.4422, 63.5560, -74.8537



56.4422, 95.4668, 10.2052

Sweetspot

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



56.4422, -48.3263, 33.9027



82.5429, -35.2456, 25.5466



63.3627, -15.9289, 38.7376



38.4836, -18.2054, 13.1192



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



56.4422, -48.3263, 33.9027



75.9932, -65.1360, 45.6864



57.0347, -44.6153, 25.0876



30.8095, -5.2892, 4.1655



47.7367, -40.9047, 28.6990



8.4720, -7.2370, 5.0937

Inverse Universe

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



35.4767, 69.6555, -47.3145



47.7264, 93.9460, -63.8341



32.0441, 57.1358, 1.8157



29.4012, 2.2494, -1.0141



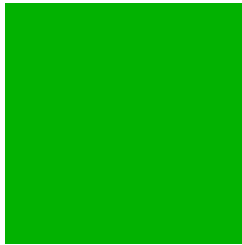
29.9829, 59.0171, -40.0862



5.3256, 10.4790, -7.0917

Previews

White Background



This preview shows how the HunterLab color 56.4410, -48.3255, 33.9025 looks on a white background.

Color Contrast Check

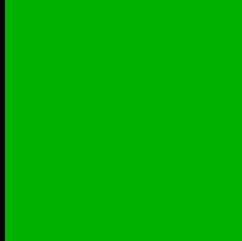
Large Text (above 18pt) WCAG AA × Fail

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 56.4410, -48.3255, 33.9025 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.4410, -48.3255, 33.9025 Background



This preview shows how black text looks on a background with the HunterLab color 56.4410, -48.3255, 33.9025.



This preview shows how white text looks on a background with the HunterLab color 56.4410, -48.3255, 33.9025.

-48.3255, 33.9025.

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

56.4410, -48.3255, 33.9025

Protanopia

55.7803, -7.9409, 34.2325

Deuteranopia

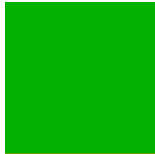
55.8295, 4.0513, 32.4344



Tritanopia

56.2679, -20.7677, -10.6299

Trichromacy



Original Color

56.4410, -48.3255, 33.9025



Protanomaly

53.6700, -30.1479, 32.5434



Deuteranomaly

52.9006, -24.7873, 31.1324



Tritanomaly

55.3107, -36.6676, 16.3754

Monochromacy



Original Color

56.4410, -48.3255, 33.9025



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

42.5872, -25.7051, 18.3992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4410, -48.3255, 33.9025 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(2, 178, 1)` looks like.

```
.text, #text, p{  
  color:rgb(2, 178, 1)  
}
```

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(2, 178, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 178, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4410, -48.3255, 33.9025 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(2, 178, 1) }
```


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

```
.border{ border-color:rgb(2, 178, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 178, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 178, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 178, 1); box-shadow:4px  
4px 4px 4px rgb(2, 178, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4410, -48.3255, 33.9025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 178, 1) }
```

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

```
.background{ background-color: rgb(2, 178,  
1) }
```

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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