

Converting Colors

HunterLab(58.0660, -45.8060,
26.3067)

Have a look what the booklet for
HunterLab(58.0660, -45.8060,
26.3067) contains.

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Color

**HunterLab(58.0548,
-45.7488, 26.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	00B555
RGB	0, 181, 85
RGB Percent	0%, 71%, 33%
CMY	1.0000, 0.2902, 0.6667
CMYK	1.00, 0.00, 0.53, 0.29
HSL	148°, 100%, 35%
HSV	148°, 100%, 71%
XYZ	18.1635, 33.7036, 14.1425
YIQ	115.9370, -77.0600, -68.2280

Conversions

Conversions Part 2

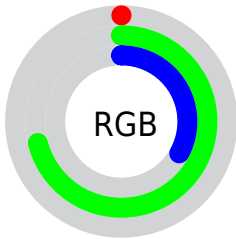
Format	Color
RYB	0, 123, 181
Decimal	46421
CIELab	64.73, -59.96, 37.90
CIELCh	65, 70.933, 147.706
Yxy	33.7050, 0.2752, 0.5106
Android (android.graphics.Color)	4278236501 (0xFF00B555)
YUV	115.9370, -15.2519, -101.6767
Hunter-Lab	58.0548, -45.7488, 26.1950

Details

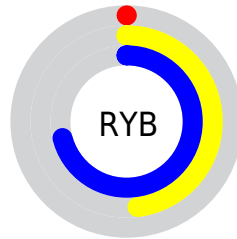
The HunterLab color **58.0548, -45.7488, 26.1950** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **32.6633, 58.5217, 1.0613**, and the grayscale version is **41.8463, -2.2328, 2.2736**.

A 20% lighter version of the original color is **80.8629, -53.6337, 31.5354**, and **38.7854, -32.1415, 20.9059** is the 20% darker color. If you saturate the color by 10%, you get **58.0559, -45.7498, 26.1959**, and if you desaturate by 10%, it is **58.3075, -44.4127, 24.2384**.

Distribution



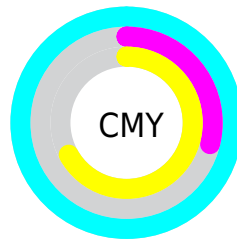
- Red (0%)
- Green (71%)
- Blue (33%)



- Red (0%)
- Yellow (48%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (29%)





- Cyan (100%)
- Magenta (29%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.0548, -45.7488, 26.1950 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 58.0548, -45.7488, 26.1950 by changing the saturation by 10% instead.


 58.0548, -45.7488,
26.1950


 58.0548, -45.7488,
26.1950


178.5538,
-77.7162, 48.7542


 47.6099, -41.4443,
23.2641


 80.9164, -53.7061,
31.6819


 37.8785, -36.8424,
20.1632


 93.2604, -57.4372,
34.2842


 28.9188, -31.8512,
16.8456


 106.1753,
-61.0405, 36.8151

 20.8041, -26.3314,
13.6191

 119.6367,
-64.5359, 39.2869

 13.6335, -22.7335,
9.5435

 133.6234,
-67.9395, 41.7094

 7.2345, -12.6605,
5.0642

 148.1162,

0.0000, NaN, NaN

-71.2640, 44.0906

0.0000, NaN, NaN

163.0982,
-74.5200, 46.4371

0.0000, NaN, NaN

■ 58.0548, -45.7488,
26.1950

■ 58.0548, -45.7488,
26.1950

■ 58.0559, -45.7498,
26.1959

■ 58.3075, -44.4127,
24.2384

■ 58.6783, -42.5516,
22.1243

■ 59.2049, -40.0280,
19.8972

■ 59.9021, -36.8046,
17.5881

■ 60.7797, -32.8720,
15.2288

■ 61.8438, -28.2443,
12.8502

■ 63.0970, -22.9542,
10.4820

■ 64.5392, -17.0488,
8.1513

■ 66.1677, -10.5850,
5.8816

Harmonies

Analogous

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



58.0560, -28.5362, 34.4443



58.0548, -45.7488, 26.1950



58.0560, -51.8618, 5.4075

Triad

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



58.0560, -45.7494, 26.1953



58.0560, -5.4926, -88.2000



58.0560, 60.4335, 23.9875

Complementary

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



58.0548, -45.7488, 26.1950



32.6633, 58.5217, 1.0613

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.



58.0560, 70.1796, 0.8192



58.0548, -45.7488, 26.1950



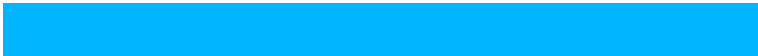
58.0560, 27.6432, -73.9043

Square

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



58.0560, -45.7494, 26.1953



58.0560, -31.9055, -69.1411



58.0560, 57.0964, -36.5463



58.0560, 32.7139, 33.7275

Rectangle

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



58.0548, -45.7488, 26.1950



58.0560, -50.0618, -17.1075



58.0560, 57.0964, -36.5463



58.0560, 66.1474, 18.0256

Sweetspot

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



58.0560, -45.7494, 26.1953



84.3489, -31.0957, 14.1864



59.6365, -40.2952, 36.0421



38.8791, -15.8611, 7.2047



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.



58.0560, -45.7494, 26.1953



77.6642, -61.4052, 35.4827



60.1191, -33.1793, -3.5186



30.9100, -4.7206, 2.6714



48.2166, -37.8960, 21.5401



8.6216, -6.2964, 2.8159

Inverse Universe

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



32.6633, 58.5217, 1.0613



43.6581, 78.1241, 2.1787



31.3648, 53.7543, 19.9401



29.2884, 1.6365, 0.6532



27.1453, 48.6839, 0.5114



4.9347, 9.0676, -1.5916

Previews

White Background



This preview shows how the HunterLab color 58.0548, -45.7488, 26.1950 looks on a white background.

Color Contrast Check

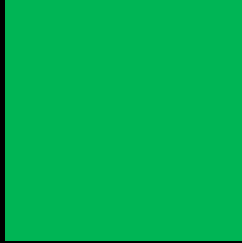
Large Text (above 18pt) WCAG AA × Fail

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 58.0548, -45.7488, 26.1950 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 58.0548, -45.7488, 26.1950 Background



This preview shows how black text looks on a background with the HunterLab color 58.0548, -45.7488, 26.1950.



This preview shows how white text looks on a background with the HunterLab color 58.0548,

-45.7488, 26.1950.

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

58.0548, -45.7488, 26.1950

Protanopia

57.5182, -6.8070, 28.0858

Deuteranopia

57.5361, 3.8922, 24.8500



Tritanopia

57.8898, -22.5181, -11.1671

Trichromacy



Original Color

58.0548, -45.7488, 26.1950



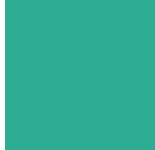
Protanomaly

55.4443, -28.7437, 25.5455



Deuteranomaly

54.9736, -23.6784, 23.0276



Tritanomaly

57.4179, -33.4448, 5.8646

Monochromacy



Original Color

58.0548, -45.7488, 26.1950



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

46.0781, -23.4899, 10.7853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0548, -45.7488, 26.1950 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(0, 181, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 85)  
}
```

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(0, 181, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0548, -45.7488, 26.1950 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(0, 181, 85) }
```


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

```
.border{ border-color:rgb(0, 181, 85) }
```

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

Here you see how a box with a 4 pixel rgb(0, 181, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 181, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 58.0548, -45.7488, 26.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 85) }
```

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

```
.background{ background-color: rgb(0, 181,  
85) }
```

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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