

Converting Colors

HunterLab(48.4983, -36.4767,
18.1241)

Have a look what the booklet for
HunterLab(48.4983, -36.4767,
18.1241) contains.

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Color

**HunterLab(48.4465,
-36.4721, 18.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	009957
RGB	0, 153, 87
RGB Percent	0%, 60%, 34%
CMY	1.0000, 0.4000, 0.6588
CMYK	1.00, 0.00, 0.43, 0.40
HSL	154°, 100%, 30%
HSV	154°, 100%, 60%
XYZ	13.1116, 23.4706, 12.8561
YIQ	99.7290, -70.0020, -52.9620

Conversions

Conversions Part 2

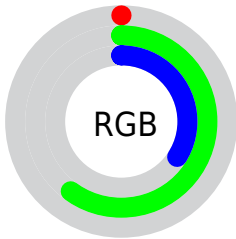
Format	Color
RYB	0, 98, 153
Decimal	39255
CIELab	55.55, -50.07, 25.25
CIELCh	56, 56.079, 153.238
Yxy	23.4716, 0.2652, 0.4747
Android (android.graphics.Color)	4278229335 (0xFF009957)
YUV	99.7290, -6.2754, -87.4623
Hunter-Lab	48.4465, -36.4721, 18.1790

Details

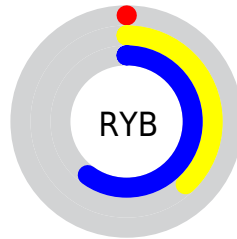
The HunterLab color **48.4465, -36.4721, 18.1790** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.7698, 47.3120, 5.9047**, and the grayscale version is **35.6400, -1.9017, 1.9364**.

A 20% lighter version of the original color is **69.9465, -43.3443, 21.9604**, and **30.4426, -24.3080, 14.4233** is the 20% darker color. If you saturate the color by 10%, you get **48.4473, -36.4732, 18.1802**, and if you desaturate by 10%, it is **48.6709, -35.3097, 16.5862**.

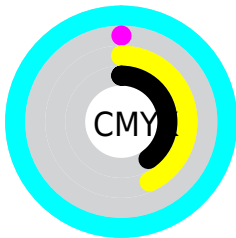
Distribution



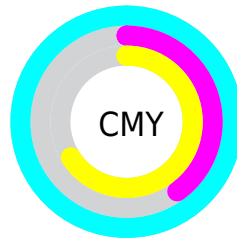
- Red (0%)
- Green (60%)
- Blue (34%)



- Red (0%)
- Yellow (38%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4465, -36.4721, 18.1790 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 48.4465, -36.4721, 18.1790 by changing the saturation by 10% instead.

■ 48.4465, -36.4721,
18.1790

■ 48.4465, -36.4721,
18.1790

164.3587,
-64.7092, 35.2666

■ 38.6550, -32.6280,
16.0145

■ 70.1188, -43.5252,
22.2506

■ 29.6290, -28.4812,
13.7218

■ 81.9150, -46.8194,
24.1972

■ 21.4410, -23.9188,
11.2502

■ 94.3073, -49.9972,
26.1023

■ 14.1877, -19.6149,
9.4735

■ 107.2682,
-53.0786, 27.9751

■ 7.8419, -13.7233,
5.4893

■ 120.7739,
-56.0792, 29.8229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.8031,

-59.0115, 31.6512

0.0000, NaN, NaN

149.3370,
-61.8855, 33.4645

0.0000, NaN, NaN

■ 48.4465, -36.4721,
18.1790

■ 48.4465, -36.4721,
18.1790

■ 48.4473, -36.4732,
18.1802

■ 48.6709, -35.3097,
16.5862

■ 48.9823, -33.7709,
14.9354

■ 49.4161, -31.7253,
13.2703

■ 49.9835, -29.1448,
11.6161

■ 50.6922, -26.0215,
9.9961

■ 51.5470, -22.3649,
8.4318

■ 52.5501, -18.1980,
6.9423

■ 53.7017, -13.5546,
5.5435

■ 55.0000, -8.4762,
4.2483

Harmonies

Analogous

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



48.4475, -24.7946, 26.4662



48.4465, -36.4721, 18.1790



48.4475, -39.7167, 0.1659

Triad

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



48.4475, -36.4726, 18.1793



48.4475, -0.0292, -62.1935



48.4475, 40.9044, 20.6737

Complementary

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



48.4465, -36.4721, 18.1790



26.7698, 47.3120, 5.9047

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.



48.4475, 50.7934, 4.9847



48.4465, -36.4721, 18.1790



48.4475, 24.5175, -48.3169

Square

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



48.4475, -36.4726, 18.1793



48.4475, -21.1685, -52.9916



48.4475, 44.2955, -20.7668



48.4475, 19.2990, 27.3538

Rectangle

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



48.4465, -36.4721, 18.1790



48.4475, -37.2856, -17.3888



48.4475, 44.2955, -20.7668



48.4475, 45.8763, 16.6272

Sweetspot

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



48.4475, -36.4726, 18.1793



70.2374, -24.7050, 9.4064



48.9411, -35.8285, 29.5297



32.7530, -12.6474, 4.7757



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.4475, -36.4726, 18.1793



64.8037, -48.9893, 24.7548



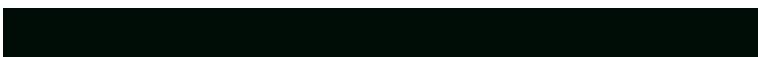
46.7824, -22.5641, -9.7638



26.4225, -3.8690, 1.9914



44.0508, -33.1100, 16.4153



5.4533, -3.6361, 1.0332

Inverse Universe

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



26.7698, 47.3120, 5.9047



35.7731, 63.1319, 8.6250



26.4465, 43.1371, 17.0509



25.0294, 1.2267, 0.8606



24.3491, 43.0604, 5.1775



3.0941, 5.6882, -1.0205

Previews

White Background



This preview shows how the HunterLab color 48.4465, -36.4721, 18.1790 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 48.4465, -36.4721, 18.1790 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 48.4465, -36.4721, 18.1790 Background



This preview shows how black text looks on a background with the HunterLab color 48.4465, -36.4721, 18.1790.



This preview shows how white text looks on a background with the HunterLab color 48.4465,

-36.4721, 18.1790.

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

48.4465, -36.4721, 18.1790

Protanopia

48.0487, -4.8090, 20.3955

Deuteranopia

48.1011, 2.9179, 16.9259



Tritanopia

48.5335, -19.1050, -9.3963

Trichromacy



Original Color

48.4465, -36.4721, 18.1790

Protanomaly

46.5195, -22.6452, 18.0947

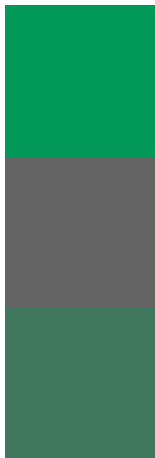
Deuteranomaly

45.9053, -18.3214, 15.1825

Tritanomaly

48.1880, -26.9787, 2.3617

Monochromacy



Original Color

48.4465, -36.4721, 18.1790

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

38.8714, -18.5375, 7.1144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4465, -36.4721, 18.1790 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, 153, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 87)  
}
```

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, 153, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4465, -36.4721, 18.1790 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, 153, 87) }
```


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

```
.border{ border-color:rgb(0, 153, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.4465, -36.4721, 18.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 87) }
```

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

```
.background{ background-color: rgb(0, 153,  
87) }
```

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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