

Converting Colors

HunterLab(48.6675, -30.3426,
4.6708)

Have a look what the booklet for
HunterLab(48.6675, -30.3426,
4.6708) contains.

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Color

**HunterLab(48.6742,
-30.3072, 4.5861)**

Conversions

Conversions Part 1

Format	Color
Hex	009780
RGB	0, 151, 128
RGB Percent	0%, 59%, 50%
CMY	0.9999, 0.4078, 0.4980
CMYK	1.00, 0.00, 0.15, 0.41
HSL	171°, 100%, 30%
HSV	171°, 100%, 59%
XYZ	14.9629, 23.6918, 24.2064
YIQ	103.2290, -82.6130, -39.1650

Conversions

Conversions Part 2

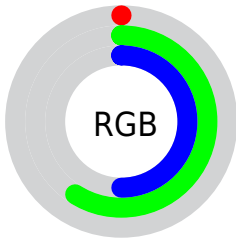
Format	Color
RYB	0, 82, 151
Decimal	38784
CIELab	55.78, -39.41, 2.60
CIELCh	56, 39.494, 176.229
Yxy	23.6927, 0.2380, 0.3769
Android (android.graphics.Color)	4278228864 (0xFF009780)
YUV	103.2290, 12.2121, -90.5318
Hunter-Lab	48.6742, -30.3072, 4.5861

Details

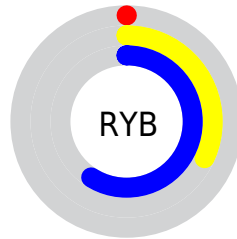
The HunterLab color **48.6742, -30.3072, 4.5861** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.7718, 44.3716, 14.7901**, and the grayscale version is **36.8952, -1.9686, 2.0046**.

A 20% lighter version of the original color is **70.3598, -36.0047, 5.8869**, and **30.8029, -19.8709, 4.3946** is the 20% darker color. If you saturate the color by 10%, you get **48.6749, -30.3083, 4.5875**, and if you desaturate by 10%, it is **48.8430, -29.5038, 3.8150**.

Distribution



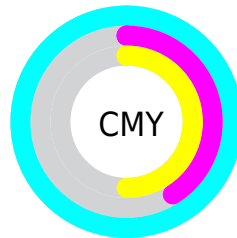
- Red (0%)
- Green (59%)
- Blue (50%)



- Red (0%)
- Yellow (32%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6742, -30.3072, 4.5861 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 48.6742, -30.3072, 4.5861 by changing the saturation by 10% instead.

■ 48.6742, -30.3072,
4.5861

■ 48.6742, -30.3072,
4.5861

164.7007,
-53.5451, 11.9076

■ 38.8662, -27.2329,
3.9066

■ 70.3763, -36.0053,
6.0313

■ 29.8223, -23.9408,
3.2552

■ 82.1862, -38.6919,
6.7947

■ 21.6146, -20.3453,
2.6321

■ 94.5915, -41.2985,
7.5845

■ 14.3390, -16.4010,
2.0355

■ 107.5649,
-43.8397, 8.4002

■ 7.9984, -13.9972,
1.7814

■ 121.0825,
-46.3268, 9.2409

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.1232,

-48.7688, 10.1061

0.0000, NaN, NaN

149.6682,
-51.1729, 10.9952

0.0000, NaN, NaN

■ 48.6742, -30.3072,
4.5861

■ 48.6742, -30.3072,
4.5861

■ 48.6749, -30.3083,
4.5875

■ 48.8430, -29.5038,
3.8150

■ 49.0875, -28.3940,
3.1218

■ 49.4426, -26.8487,
2.5525

■ 49.9197, -24.8347,
2.1254

■ 50.5269, -22.3365,
1.8543

■ 51.2698, -19.3537,
1.7483

■ 52.1515, -15.8985,
1.8126

■ 53.1732, -11.9936,
2.0484

■ 54.3342, -7.6697,
2.4537

Harmonies

Analogous

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



48.6751, -26.1977, 16.5811



48.6742, -30.3072, 4.5861



48.6751, -27.8439, -12.6101

Triad

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



48.6751, -30.3074, 4.5866



48.6751, 12.1808, -32.7991



48.6751, 16.2564, 21.6099

Complementary

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



48.6742, -30.3072, 4.5861



25.7718, 44.3716, 14.7901

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.



48.6751, 29.1411, 14.1585



48.6742, -30.3072, 4.5861



48.6751, 26.5773, -17.2151

Square

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



48.6751, -30.3074, 4.5866



48.6751, -4.6621, -37.9430



48.6751, 33.1468, 0.6294



48.6751, -0.5026, 24.1239

Rectangle

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



48.6742, -30.3072, 4.5861



48.6751, -22.6020, -24.4654



48.6751, 33.1468, 0.6294



48.6751, 21.2662, 19.7519

Sweetspot

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



48.6751, -30.3074, 4.5866



69.7123, -21.5762, 2.4138



47.2684, -39.3961, 28.4363



33.0083, -11.1698, 1.1244



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.



48.6751, -30.3074, 4.5866



65.1208, -40.6596, 6.3771



33.8803, -5.5070, -30.4577



26.4771, -3.5649, 1.2118



44.8982, -27.9318, 4.1780



5.5246, -3.2047, 0.0127

Inverse Universe

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



25.7718, 44.3716, 14.7901



34.4616, 59.2873, 20.1699



29.8169, 31.1441, 18.9173



24.9745, 0.9313, 1.6435



23.7754, 40.9496, 13.5533



2.9654, 5.2218, 0.8035

Previews

White Background



This preview shows how the HunterLab color 48.6742, -30.3072, 4.5861 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 48.6742, -30.3072, 4.5861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

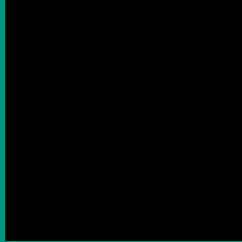
Any Text WCAG AA ✓ Pass

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 48.6742, -30.3072, 4.5861 Background



This preview shows how black text looks on a background with the HunterLab color 48.6742, -30.3072, 4.5861.



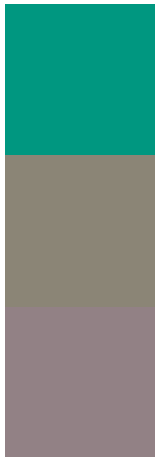
This preview shows how white text looks on a background with the HunterLab color 48.6742, -30.3072, 4.5861.

-30.3072, 4.5861.

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

48.6742, -30.3072, 4.5861

Protanopia

48.5510, -2.9590, 8.9345

Deuteranopia

48.4819, 3.2911, 2.7948



Tritanopia

48.8496, -21.0051, -10.0780

Trichromacy



Original Color

48.6742, -30.3072, 4.5861

Protanomaly

47.1551, -18.4900, 5.5824

Deuteranomaly

46.7517, -14.7835, 1.3178

Tritanomaly

48.5293, -24.6511, -4.7574

Monochromacy



Original Color

48.6742, -30.3072, 4.5861

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

39.7002, -16.0251, 1.2892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6742, -30.3072, 4.5861 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, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 128)  
}
```

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, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6742, -30.3072, 4.5861 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, 151, 128) }
```


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

```
.border{ border-color:rgb(0, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6742, -30.3072, 4.5861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 128) }
```

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

```
.background{ background-color: rgb(0, 151,  
128) }
```

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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