

Converting Colors

HunterLab(34.2883, -27.5286,
-7.9295)

Have a look what the booklet for
HunterLab(34.2883, -27.5286,
-7.9295) contains.

HunterLab(36.4631, -18.9215, -4.7297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.4631,
-18.9215, -4.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	007274
RGB	0, 114, 116
RGB Percent	0%, 45%, 45%
CMY	1.0000, 0.5529, 0.5451
CMYK	1.00, 0.02, 0.00, 0.55
HSL	181°, 100%, 23%
HSV	181°, 100%, 45%
XYZ	9.1697, 13.2956, 18.6060
YIQ	80.1420, -68.5860, -23.5460

Conversions

Conversions Part 2

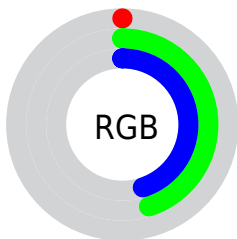
Format	Color
RYB	0, 57, 116
Decimal	29300
CIELab	43.21, -25.87, -8.91
CIELCh	43, 27.364, 198.992
Yxy	13.2961, 0.2233, 0.3237
Android (android.graphics.Color)	4278219380 (0xFF007274)
YUV	80.1420, 17.6780, -70.2845
Hunter-Lab	36.4631, -18.9215, -4.7297

Details

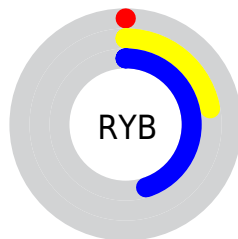
The HunterLab color **36.4631, -18.9215, -4.7297** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.3823, 32.6140, 12.5132**, and the grayscale version is **28.3321, -1.5117, 1.5393**.

A 20% lighter version of the original color is **56.3199, -22.9824, -4.6978**, and **20.4889, -10.2972, -3.3806** is the 20% darker color. If you saturate the color by 10%, you get **36.4636, -18.9219, -4.7294**, and if you desaturate by 10%, it is **36.6286, -18.5899, -4.5009**.

Distribution



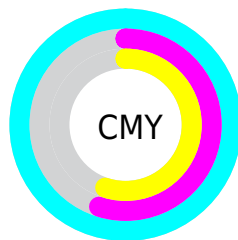
- Red (0%)
- Green (45%)
- Blue (45%)



- Red (0%)
- Yellow (22%)
- Blue (45%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4631, -18.9215, -4.7297 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 36.4631, -18.9215, -4.7297 by changing the saturation by 10% instead.

36.4631, -18.9215,
-4.7297

36.4631, -18.9215,
-4.7297

145.8789,
-36.4782, -2.1823

27.6274, -16.6227,
-4.7229

56.4222, -23.1705,
-4.5295

19.6491, -14.1373,
-4.6334

67.4379, -25.1804,
-4.3379

12.6334, -11.3996,
-4.4498

79.0897, -27.1383,
-4.0924

5.9576, -10.4257,
-5.8789

91.3446, -29.0561,
-3.7971

0.0000, NaN, NaN

0.0000, NaN, NaN

104.1742,
-30.9429, -3.4558

0.0000, NaN, NaN

117.5539,

0.0000, NaN, NaN

-32.8054, -3.0712

0.0000, NaN, NaN

131.4619,
-34.6491, -2.6460

■ 36.4631, -18.9215,
-4.7297

■ 36.4631, -18.9215,
-4.7297

■ 36.4636, -18.9219,
-4.7294

■ 36.6286, -18.5899,
-4.5009

■ 36.8389, -18.0811,
-4.2097

■ 37.1292, -17.2633,
-3.8086

■ 37.5069, -16.1139,
-3.2901

■ 37.9772, -14.6218,
-2.6507

■ 38.5437, -12.7853,
-1.8904

■ 39.2083, -10.6114,
-1.0119

■ 39.9718, -8.1136,
-0.0205

■ 40.8336, -5.3109,
1.0768

Harmonies

Analogous

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



36.4638, -19.4982, 5.4177



36.4631, -18.9215, -4.7297



36.4638, -14.1084, -15.3857

Triad

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



36.4638, -18.9215, -4.7292



36.4638, 14.3179, -12.7500



36.4638, 1.9307, 16.1066

Complementary

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



36.4631, -18.9215, -4.7297



19.3823, 32.6140, 12.5132

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.



36.4638, 12.0508, 13.5755



36.4631, -18.9215, -4.7297



36.4638, 19.7153, -1.8181

Square

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



36.4638, -18.9215, -4.7292



36.4638, 4.7576, -20.8364



36.4638, 18.8422, 7.6239



36.4638, -8.2007, 15.7313

Rectangle

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



36.4631, -18.9215, -4.7297



36.4638, -8.8111, -20.4794



36.4638, 18.8422, 7.6239



36.4638, 5.4645, 15.6038

Sweetspot

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



36.4638, -18.9215, -4.7292



51.9106, -14.3064, -1.4368



35.3487, -30.2679, 21.1581



25.2054, -7.4764, -0.8982



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.4638, -18.9215, -4.7292



48.3234, -25.0621, -6.2980



20.2399, 4.8869, -35.8453



20.3592, -2.5034, 0.5899



38.6238, -20.0403, -5.0151



85.1822, -44.1430, -11.1781

Inverse Universe

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



22.1997, 43.4872, -28.0780



29.4286, 57.6471, -37.1836



26.3410, 13.6404, 16.4692



19.3827, 1.2967, -0.5037



23.5159, 46.0681, -29.7378



51.8983, 101.6498, -65.4738

Previews

White Background



This preview shows how the HunterLab color 36.4631, -18.9215, -4.7297 looks on a white 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

Black Background



This preview shows how the HunterLab color 36.4631, -18.9215, -4.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

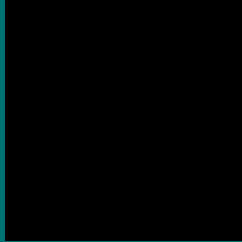
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.4631, -18.9215, -4.7297 Background



This preview shows how black text looks on a background with the HunterLab color 36.4631, -18.9215, -4.7297.



This preview shows how white text looks on a background with the HunterLab color 36.4631, -18.9215, -4.7297.

-18.9215, -4.7297.

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

36.4631, -18.9215, -4.7297

Protanopia

36.3522, -0.5686, -0.7493

Deuteranopia

36.2480, 2.4800, -6.1678



Tritanopia

36.5429, -16.6346, -7.6473

Trichromacy



Original Color

36.4631, -18.9215, -4.7297

Protanomaly

35.4677, -10.7181, -3.4726

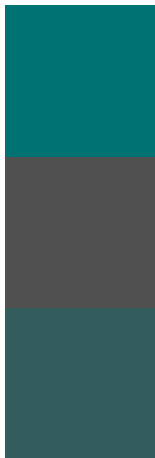
Deuteranomaly

35.1666, -8.4122, -7.3746

Tritanomaly

36.3930, -17.3526, -6.8277

Monochromacy



Original Color

36.4631, -18.9215, -4.7297

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.2463, -10.6279, -1.8485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4631, -18.9215, -4.7297 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, 114, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 116)  
}
```

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, 114, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4631, -18.9215, -4.7297 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, 114, 116) }
```


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

```
.border{ border-color:rgb(0, 114, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4631, -18.9215, -4.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 116) }
```

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

```
.background{ background-color: rgb(0, 114,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor