

Converting Colors

HunterLab(30.4098, -15.7239,
-4.0662)

Have a look what the booklet for
HunterLab(30.4098, -15.7239,
-4.0662) contains.

HunterLab(30.4098, -15.7239, -4.0662)	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(30.4098,
-15.7239, -4.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	006062
RGB	0, 96, 98
RGB Percent	0%, 38%, 38%
CMY	1.0000, 0.6235, 0.6157
CMYK	1.00, 0.02, 0.00, 0.62
HSL	181°, 100%, 19%
HSV	181°, 100%, 38%
XYZ	6.3875, 9.2476, 13.0036
YIQ	67.5240, -57.8580, -19.7300

Conversions

Conversions Part 2

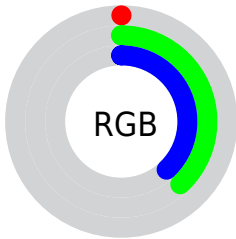
Format	Color
RYB	0, 48, 98
Decimal	24674
CIELab	36.46, -22.82, -8.05
CIELCh	36, 24.201, 199.424
Yxy	9.2479, 0.2230, 0.3229
Android (android.graphics.Color)	4278214754 (0xFF006062)
YUV	67.5240, 15.0247, -59.2185
Hunter-Lab	30.4098, -15.7239, -4.0662

Details

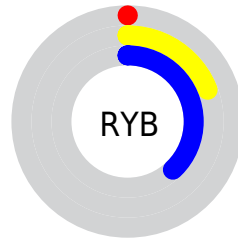
The HunterLab color **30.4098, -15.7239, -4.0662** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.2491, 27.1375, 10.4867**, and the grayscale version is **23.8402, -1.2721, 1.2953**.

A 20% lighter version of the original color is **49.3730, -19.6743, -4.0659**, and **15.6351, -7.7460, -2.8212** is the 20% darker color. If you saturate the color by 10%, you get **30.4102, -15.7242, -4.0660**, and if you desaturate by 10%, it is **30.5740, -15.3880, -3.8385**.

Distribution



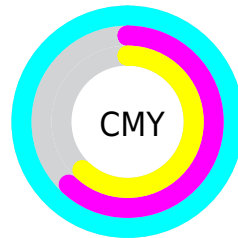
- Red (0%)
- Green (38%)
- Blue (38%)



- Red (0%)
- Yellow (19%)
- Blue (38%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4098, -15.7239, -4.0662 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 30.4098, -15.7239, -4.0662 by changing the saturation by 10% instead.

30.4098, -15.7239,
-4.0662

30.4098, -15.7239,
-4.0662

136.0943,
-32.0705, -1.5148

22.1432, -13.5584,
-4.0470

49.3669, -19.6896,
-3.8776

14.8007, -11.1842,
-3.9382

59.9317, -21.5583,
-3.6875

8.4549, -12.2143,
-3.8444

71.1581, -23.3774,
-3.4417

0.0000, NaN, -NF

83.0094, -25.1595,
-3.1448

0.0000, NaN, NaN

95.4540, -26.9138,
-2.8007

0.0000, NaN, NaN

108.4651,

0.0000, NaN, NaN

-28.6470, -2.4125

0.0000, NaN, NaN

122.0188,
-30.3645, -1.9831

30.4098, -15.7239,
-4.0662

30.4098, -15.7239,
-4.0662

30.4102, -15.7242,
-4.0660

30.5740, -15.3880,
-3.8385

30.7663, -14.9410,
-3.5721

31.0241, -14.2419,
-3.2160

31.3528, -13.2744,
-2.7650

31.7563, -12.0310,
-2.2168

■ 32.2373, -10.5114,
-1.5720

■ 32.7971, -8.7216,
-0.8329

■ 33.4362, -6.6728,
-0.0040

■ 34.1540, -4.3803,
0.9091

Harmonies

Analogous

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



30.4104, -16.2561, 4.4080



30.4098, -15.7239, -4.0662



30.4104, -11.6673, -12.9122

Triad

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



30.4104, -15.7239, -4.0658



30.4104, 12.0095, -10.4830



30.4104, 1.4765, 13.4294

Complementary

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



30.4098, -15.7239, -4.0662



16.2491, 27.1375, 10.4867

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.



30.4104, 9.9192, 11.3573



30.4098, -15.7239, -4.0662



30.4104, 16.4344, -1.3815

Square

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



30.4104, -15.7239, -4.0658



30.4104, 4.0835, -17.2730



30.4104, 15.6295, 6.4437



30.4104, -6.9398, 13.0826

Rectangle

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



30.4098, -15.7239, -4.0662



30.4104, -7.2303, -17.1033



30.4104, 15.6295, 6.4437



30.4104, 4.4198, 13.0219

Sweetspot

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



30.4104, -15.7239, -4.0658



43.3452, -11.7742, -1.1961



29.5621, -25.3055, 17.6784



21.0260, -6.0810, -0.7230



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.4104, -15.7239, -4.0658



40.2330, -20.7872, -5.4142



17.1604, 3.6316, -29.2867



16.9901, -2.0384, 0.5046



35.0812, -18.1319, -4.7069



80.9821, -41.7864, -11.0158

Inverse Universe

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



18.5512, 36.3190, -23.3023



24.5532, 48.0678, -30.7982



22.2101, 11.0028, 13.8777



16.2104, 1.0002, -0.3608



21.4050, 41.9069, -26.8676



49.4570, 96.8020, -61.8810

Previews

White Background



This preview shows how the HunterLab color 30.4098, -15.7239, -4.0662 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.4098, -15.7239, -4.0662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

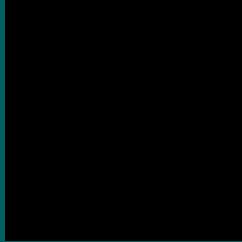
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.4098, -15.7239, -4.0662 Background



This preview shows how black text looks on a background with the HunterLab color 30.4098, -15.7239, -4.0662.



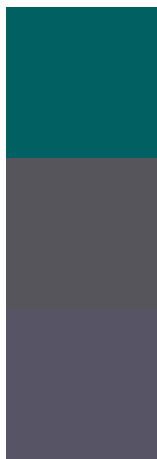
This preview shows how white text looks on a background with the HunterLab color 30.4098,

-15.7239, -4.0662.

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

30.4098, -15.7239, -4.0662

Protanopia

30.3822, -0.4418, -0.6011

Deuteranopia

30.5065, 1.9062, -5.0971



Tritanopia

30.4389, -13.7585, -6.4792

Trichromacy



Original Color

30.4098, -15.7239, -4.0662

Protanomaly

29.6060, -8.5914, -3.1146

Deuteranomaly

29.5157, -7.1086, -6.1558

Tritanomaly

30.3126, -14.3802, -5.6548

Monochromacy



Original Color

30.4098, -15.7239, -4.0662

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.5478, -8.8522, -1.5795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4098, -15.7239, -4.0662 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, 96, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 98)  
}
```

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, 96, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4098, -15.7239, -4.0662 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, 96, 98) }
```


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

```
.border{ border-color:rgb(0, 96, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 96, 98); box-shadow:4px  
4px 4px 4px rgb(0, 96, 98) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4098, -15.7239, -4.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 98) }
```

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

```
.background{ background-color: rgb(0, 96,  
98) }
```

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