

Converting Colors

HunterLab(34.5862, -21.4938,
-11.2947)

Have a look what the booklet for
HunterLab(34.5862, -21.4938,
-11.2947) contains.

HunterLab(35.7756, -16.4072, -9.2980)	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(35.7756,
-16.4072, -9.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	006F7B
RGB	0, 111, 123
RGB Percent	0%, 44%, 48%
CMY	0.9999, 0.5647, 0.5176
CMYK	1.00, 0.10, 0.00, 0.52
HSL	186°, 100%, 24%
HSV	186°, 100%, 48%
XYZ	9.2596, 12.7989, 20.7213
YIQ	79.1790, -70.0080, -19.8000

Conversions

Conversions Part 2

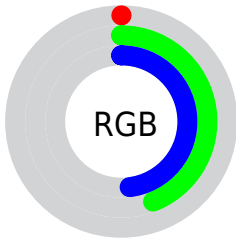
Format	Color
RYB	0, 58, 123
Decimal	28539
CIELab	42.46, -21.91, -14.25
CIELCh	42, 26.135, 213.037
Yxy	12.7994, 0.2165, 0.2992
Android (android.graphics.Color)	4278218619 (0xFF006F7B)
YUV	79.1790, 21.6038, -69.4400
Hunter-Lab	35.7756, -16.4072, -9.2980

Details

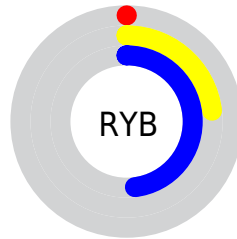
The HunterLab color **35.7756, -16.4072, -9.2980** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.1526, 33.0258, 13.6111**, and the grayscale version is **27.9712, -1.4925, 1.5197**.

A 20% lighter version of the original color is **55.5961, -20.3114, -9.3497**, and **20.1232, -8.4844, -6.8369** is the 20% darker color. If you saturate the color by 10%, you get **35.7757, -16.4071, -9.2983**, and if you desaturate by 10%, it is **36.2539, -16.4350, -8.5945**.

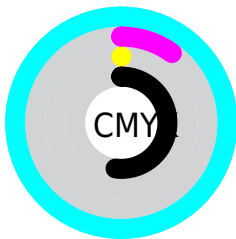
Distribution



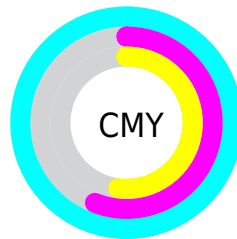
- Red (0%)
- Green (44%)
- Blue (48%)



- Red (0%)
- Yellow (23%)
- Blue (48%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7756, -16.4072, -9.2980 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 35.7756, -16.4072, -9.2980 by changing the saturation by 10% instead.

■ 35.7756, -16.4072,
-9.2980

■ 35.7756, -16.4072,
-9.2980

144.7854,
-32.1105, -8.6131

■ 27.0010, -14.3983,
-9.0555

■ 55.6264, -20.1510,
-9.5567

■ 19.0905, -12.2393,
-8.7349

■ 66.5931, -21.9355,
-9.5847

■ 12.1521, -9.8654,
-8.3493

■ 78.1986, -23.6820,
-9.5519

■ 5.2180, -9.1315,
-11.4743

■ 90.4095, -25.4000,
-9.4628

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.1971,
-27.0970, -9.3211

0.0000, NaN, NaN

■ 116.5365,

0.0000, NaN, NaN

-28.7783, -9.1304

0.0000, NaN, NaN

130.4058,
-30.4483, -8.8935

■ 35.7756, -16.4072,
-9.2980

■ 35.7756, -16.4072,
-9.2980

■ 35.7757, -16.4071,
-9.2983

■ 36.2539, -16.4350,
-8.5945

■ 36.7858, -16.2552,
-7.8204

■ 37.4068, -15.7365,
-6.9273

■ 38.1229, -14.8604,
-5.9128

■ 38.9379, -13.6211,
-4.7788

■ 39.8536, -12.0231,
-3.5310

■ 40.8700, -10.0788,
-2.1774

■ 41.9859, -7.8067,
-0.7275

■ 43.1992, -5.2291,
0.8085

Harmonies

Analogous

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



35.7762, -18.8850, 0.9824



35.7756, -16.4072, -9.2980



35.7762, -10.0779, -18.0521

Triad

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



35.7762, -16.4071, -9.2974



35.7762, 16.5270, -7.1941



35.7762, -2.9060, 15.6439

Complementary

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



35.7756, -16.4072, -9.2980



21.1526, 33.0258, 13.6111

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.



35.7762, 7.0617, 14.5450



35.7756, -16.4072, -9.2980



35.7762, 18.9702, 2.8863

Square

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



35.7762, -16.4071, -9.2974



35.7762, 8.9790, -16.6254



35.7762, 15.3388, 10.4229



35.7762, -11.6362, 13.9722

Rectangle

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



35.7756, -16.4072, -9.2980



35.7762, -4.1718, -20.8705



35.7762, 15.3388, 10.4229



35.7762, 0.4077, 15.5849

Sweetspot

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



35.7762, -16.4071, -9.2974



54.5848, -13.6977, -3.0541



37.6679, -32.0864, 22.1851



26.2541, -7.1068, -1.7943



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



35.7762, -16.4071, -9.2974



47.7539, -21.8043, -12.6190



19.5461, 9.3601, -44.6341



21.0922, -2.4231, 0.4648



36.3813, -16.6801, -9.4659



79.0218, -35.8802, -21.3153

Inverse Universe

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



23.1496, 44.5987, -23.4728



30.9586, 59.6184, -31.1641



29.6890, 10.9948, 18.4859



20.1770, 1.3019, -0.3532



23.5437, 45.3601, -23.8624



51.3527, 98.8310, -51.2186

Previews

White Background



This preview shows how the HunterLab color 35.7756, -16.4072, -9.2980 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 35.7756, -16.4072, -9.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

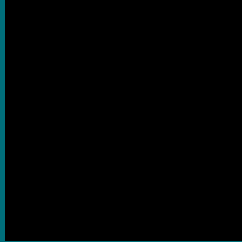
Any Text WCAG AA × Fail

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 35.7756, -16.4072, -9.2980 Background



This preview shows how black text looks on a background with the HunterLab color 35.7756, -16.4072, -9.2980.



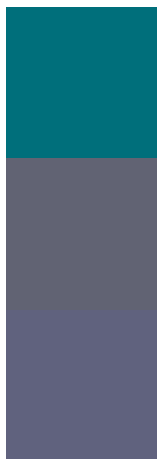
This preview shows how white text looks on a background with the HunterLab color 35.7756,

-16.4072, -9.2980.

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

35.7756, -16.4072, -9.2980

Protanopia

35.6411, 0.1619, -5.0172

Deuteranopia

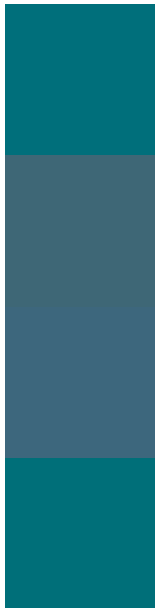
35.6771, 2.3941, -10.7768



Tritanopia

35.6720, -17.0175, -7.8511

Trichromacy



Original Color

35.7756, -16.4072, -9.2980

Protanomaly

34.6881, -8.6956, -8.0730

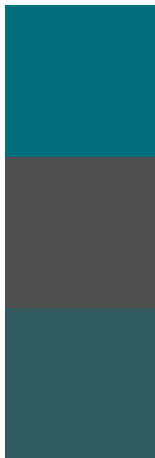
Deuteranomaly

34.8902, -7.4601, -11.6019

Tritanomaly

35.7062, -16.8158, -8.3293

Monochromacy



Original Color

35.7756, -16.4072, -9.2980

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.9775, -10.0527, -3.1168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7756, -16.4072, -9.2980 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, 111, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 123)  
}
```

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, 111, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7756, -16.4072, -9.2980 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, 111, 123) }
```


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

```
.border{ border-color:rgb(0, 111, 123) }
```

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

Here you see how a box with a 4 pixel rgb(0, 111, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7756, -16.4072, -9.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 123) }
```

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

```
.background{ background-color: rgb(0, 111,  
123) }
```

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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