

Converting Colors

HunterLab(35.5971, -20.2518,
-10.9855)

Have a look what the booklet for
HunterLab(35.5971, -20.2518,
-10.9855) contains.

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Color

**HunterLab(36.4567,
-16.7623, -9.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	00717D
RGB	0, 113, 125
RGB Percent	0%, 44%, 49%
CMY	0.9999, 0.5569, 0.5098
CMYK	1.00, 0.10, 0.00, 0.51
HSL	186°, 100%, 25%
HSV	186°, 100%, 49%
XYZ	9.6068, 13.2909, 21.4611
YIQ	80.5810, -71.2000, -20.2240

Conversions

Conversions Part 2

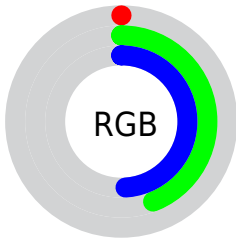
Format	Color
RYB	0, 59, 125
Decimal	29053
CIELab	43.20, -22.26, -14.33
CIELCh	43, 26.470, 212.768
Yxy	13.2914, 0.2166, 0.2996
Android (android.graphics.Color)	4278219133 (0xFF00717D)
YUV	80.5810, 21.8986, -70.6695
Hunter-Lab	36.4567, -16.7623, -9.3828

Details

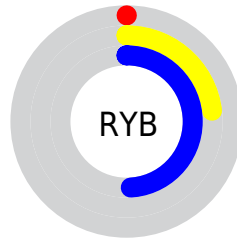
The HunterLab color **36.4567, -16.7623, -9.3828** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.5020, 33.6760, 13.8378**, and the grayscale version is **28.4770, -1.5195, 1.5472**.

A 20% lighter version of the original color is **56.3799, -20.4150, -9.9099**, and **20.7422, -8.8056, -6.9173** is the 20% darker color. If you saturate the color by 10%, you get **36.4568, -16.7622, -9.3831**, and if you desaturate by 10%, it is **36.9361, -16.7914, -8.6787**.

Distribution



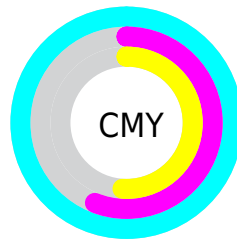
- Red (0%)
- Green (44%)
- Blue (49%)



- Red (0%)
- Yellow (23%)
- Blue (49%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4567, -16.7623, -9.3828 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 36.4567, -16.7623, -9.3828 by changing the saturation by 10% instead.

36.4567, -16.7623,
-9.3828

36.4567, -16.7623,
-9.3828

145.8687,
-32.6076, -8.6859

27.6216, -14.7363,
-9.1431

56.4148, -20.5404,
-9.6370

19.6438, -12.5612,
-8.8255

67.4300, -22.3416,
-9.6633

12.6289, -10.1501,
-8.4414

79.0814, -24.1043,
-9.6291

5.9511, -10.4144,
-10.3008

91.3359, -25.8382,
-9.5387

0.0000, NaN, -NF

0.0000, NaN, NaN

104.1651,
-27.5504, -9.3961

0.0000, NaN, NaN

117.5444,

0.0000, NaN, NaN

-29.2467, -9.2045

0.0000, NaN, NaN

131.4521,
-30.9313, -8.9670

■ 36.4567, -16.7623,
-9.3828

■ 36.4567, -16.7623,
-9.3828

■ 36.4568, -16.7622,
-9.3831

■ 36.9361, -16.7914,
-8.6787

■ 37.4711, -16.6056,
-7.9012

■ 38.0967, -16.0745,
-7.0023

■ 38.8194, -15.1786,
-5.9792

■ 39.6430, -13.9118,
-4.8338

■ 40.5694, -12.2786,
-3.5718

■ 41.5987, -10.2914,
-2.2011

■ 42.7297, -7.9690,
-0.7315

■ 43.9603, -5.3343,
0.8266

Harmonies

Analogous

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



36.4574, -19.2503, 1.0891



36.4567, -16.7623, -9.3828



36.4574, -10.3439, -18.3398

Triad

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



36.4574, -16.7622, -9.3822



36.4574, 16.7953, -7.4282



36.4574, -2.8721, 15.9455

Complementary

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



36.4567, -16.7623, -9.3828



21.5020, 33.6760, 13.8378

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.



36.4574, 7.2857, 14.8001



36.4567, -16.7623, -9.3828



36.4574, 19.3401, 2.8577

Square

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



36.4574, -16.7622, -9.3822



36.4574, 9.0669, -17.0143



36.4574, 15.6914, 10.5690



36.4574, -11.7915, 14.2680

Rectangle

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



36.4567, -16.7623, -9.3828



36.4574, -4.3389, -21.2550



36.4574, 15.6914, 10.5690



36.4574, 0.5078, 15.8771

Sweetspot

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



36.4574, -16.7622, -9.3822



55.5604, -13.9835, -3.0854



38.3280, -32.6527, 22.5825



26.2667, -7.1249, -1.7784



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.



36.4574, -16.7622, -9.3822



48.6671, -22.2816, -12.7299



19.8621, 9.5834, -45.5109



21.9512, -2.5355, 0.4813



37.2372, -17.1151, -9.5967

0.0000, NaN, NaN

Inverse Universe

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



23.5640, 45.4103, -23.9950



31.5135, 60.7054, -31.8658



30.1912, 11.2263, 18.7994



20.9893, 1.3759, -0.3834



24.0714, 46.3899, -24.4988

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 36.4567, -16.7623, -9.3828 looks on a white background.

Color Contrast Check

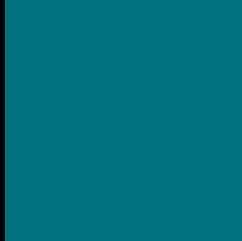
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4567, -16.7623, -9.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

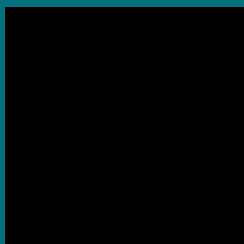
Any Text WCAG AA × Fail

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 36.4567, -16.7623, -9.3828 Background



This preview shows how black text looks on a background with the HunterLab color 36.4567, -16.7623, -9.3828.



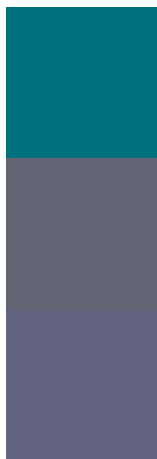
This preview shows how white text looks on a background with the HunterLab color 36.4567, -16.7623, -9.3828.

-16.7623, -9.3828.

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

36.4567, -16.7623, -9.3828

Protanopia

36.3928, 0.1250, -4.9910

Deuteranopia

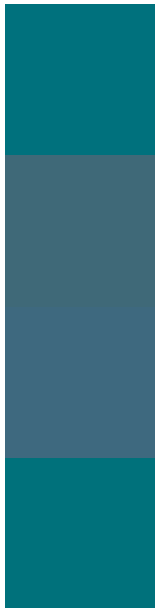
36.4274, 2.3576, -10.7518



Tritanopia

36.3530, -17.3737, -7.9333

Trichromacy



Original Color

36.4567, -16.7623, -9.3828

Protanomaly

35.3779, -8.9756, -8.1371

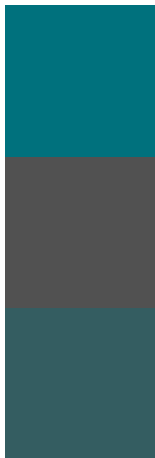
Deuteranomaly

35.5803, -7.7380, -11.6696

Tritanomaly

36.3872, -17.1716, -8.4124

Monochromacy



Original Color

36.4567, -16.7623, -9.3828

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

30.6950, -10.1703, -3.1087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4567, -16.7623, -9.3828 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, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 125)  
}
```

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, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4567, -16.7623, -9.3828 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, 113, 125) }
```


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

```
.border{ border-color:rgb(0, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4567, -16.7623, -9.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 125) }
```

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

```
.background{ background-color: rgb(0, 113,  
125) }
```

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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