

Converting Colors

HunterLab(35.8778, -17.9855,
-6.0157)

Have a look what the booklet for
HunterLab(35.8778, -17.9855,
-6.0157) contains.

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Color

**HunterLab(35.8785,
-17.9862, -6.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	007075
RGB	0, 112, 117
RGB Percent	0%, 44%, 46%
CMY	0.9999, 0.5608, 0.5412
CMYK	1.00, 0.04, 0.00, 0.54
HSL	183°, 100%, 23%
HSV	183°, 100%, 46%
XYZ	9.0050, 12.8727, 18.8397
YIQ	79.0820, -68.3570, -22.1890

Conversions

Conversions Part 2

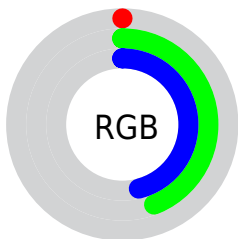
Format	Color
RYB	0, 57, 117
Decimal	28789
CIELab	42.57, -24.52, -10.46
CIElCh	43, 26.659, 203.106
Yxy	12.8731, 0.2212, 0.3161
Android (android.graphics.Color)	4278218869 (0xFF007075)
YUV	79.0820, 18.6936, -69.3549
Hunter-Lab	35.8785, -17.9862, -6.0180

Details

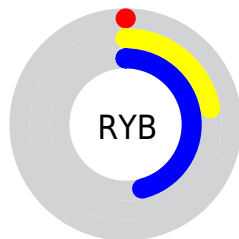
The HunterLab color **35.8785, -17.9862, -6.0180** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.7251, 32.3623, 12.7199**, and the grayscale version is **27.9458, -1.4911, 1.5183**.

A 20% lighter version of the original color is **55.7092, -21.9416, -6.0051**, and **20.2397, -9.7768, -4.1926** is the 20% darker color. If you saturate the color by 10%, you get **35.8789, -17.9864, -6.0179**, and if you desaturate by 10%, it is **36.1384, -17.7594, -5.6543**.

Distribution



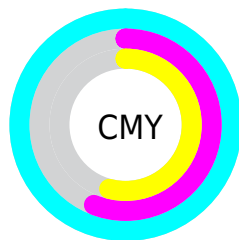
- Red (0%)
- Green (44%)
- Blue (46%)



- Red (0%)
- Yellow (22%)
- Blue (46%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8785, -17.9862, -6.0180 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 35.8785, -17.9862, -6.0180 by changing the saturation by 10% instead.

■ 35.8785, -17.9862,
-6.0180

■ 35.8785, -17.9862,
-6.0180

■ 144.9493,
-34.9228, -4.0501

■ 27.0947, -15.7811,
-5.9339

■ 55.7456, -22.0690,
-5.9640

■ 19.1740, -13.3991,
-5.7655

■ 66.7197, -24.0038,
-5.8412

■ 12.2240, -10.8166,
-5.5060

■ 78.3321, -25.8909,
-5.6619

■ 5.3355, -9.3372,
-7.8606

■ 90.5496, -27.7416,
-5.4304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3435,
-29.5643, -5.1506

0.0000, NaN, NaN

■ 116.6890,

0.0000, NaN, NaN

-31.3656, -4.8255

0.0000, NaN, NaN

130.5641,
-33.1504, -4.4579

35.8785, -17.9862,
-6.0180

35.8785, -17.9862,
-6.0180

35.8789, -17.9864,
-6.0179

36.1384, -17.7594,
-5.6543

36.4445, -17.3506,
-5.2265

36.8323, -16.6276,
-4.6868

37.3085, -15.5695,
-4.0289

37.8780, -14.1668,
-3.2513

■ 38.5438, -12.4200,
-2.3555

■ 39.3071, -10.3373,
-1.3459

■ 40.1681, -7.9338,
-0.2291

■ 41.1258, -5.2293,
0.9869

Harmonies

Analogous

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



35.8792, -19.1238, 4.0858



35.8785, -17.9862, -6.0180



35.8792, -12.7746, -16.0331

Triad

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



35.8792, -17.9862, -6.0175



35.8792, 14.8449, -10.8971



35.8792, 0.4277, 15.8085

Complementary

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



35.8785, -17.9862, -6.0180



19.7251, 32.3623, 12.7199

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.



35.8792, 10.4097, 13.7443



35.8785, -17.9862, -6.0180



35.8792, 19.3051, -0.3193

Square

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



35.8792, -17.9862, -6.0175



35.8792, 5.9693, -19.3480



35.8792, 17.5989, 8.4319



35.8792, -9.1747, 15.0602

Rectangle

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



35.8785, -17.9862, -6.0180



35.8792, -7.3499, -20.4065



35.8792, 17.5989, 8.4319



35.8792, 3.8612, 15.4450

Sweetspot

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



35.8792, -17.9862, -6.0175



52.5143, -14.0680, -1.9126



35.6811, -30.5101, 21.2657



25.0137, -7.2037, -1.1365



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.



35.8792, -17.9862, -6.0175



47.9587, -24.0043, -8.1258



19.9491, 5.8792, -37.6238



20.3218, -2.4438, 0.5459



37.6526, -18.8702, -6.3272



82.9207, -41.4156, -14.2392

Inverse Universe

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



22.2534, 43.3633, -26.3715



29.7692, 58.0002, -35.1784



26.9659, 12.9216, 16.8417



19.3788, 1.2755, -0.4475



23.3563, 45.5143, -27.6659



51.5273, 100.3616, -60.6532

Previews

White Background



This preview shows how the HunterLab color 35.8785, -17.9862, -6.0180 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 35.8785, -17.9862, -6.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

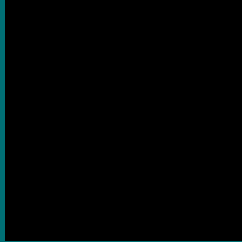
Any Text WCAG AA × Fail

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 35.8785, -17.9862, -6.0180 Background



This preview shows how black text looks on a background with the HunterLab color 35.8785, -17.9862, -6.0180.



This preview shows how white text looks on a background with the HunterLab color 35.8785,

-17.9862, -6.0180.

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

35.8785, -17.9862, -6.0180

Protanopia

35.9552, -0.5029, -1.7110

Deuteranopia

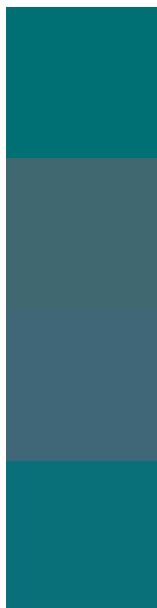
35.7781, 2.3130, -7.3597



Tritanopia

35.8367, -16.3084, -8.1306

Trichromacy



Original Color

35.8785, -17.9862, -6.0180

Protanomaly

34.8719, -9.8932, -4.7485

Deuteranomaly

34.8172, -8.1532, -8.4087

Tritanomaly

35.7534, -16.7006, -7.7283

Monochromacy



Original Color

35.8785, -17.9862, -6.0180

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.9175, -10.3984, -2.2702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8785, -17.9862, -6.0180 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, 112, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 117)  
}
```

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, 112, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8785, -17.9862, -6.0180 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, 112, 117) }
```


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

```
.border{ border-color:rgb(0, 112, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8785, -17.9862, -6.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 117) }
```

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

```
.background{ background-color: rgb(0, 112,  
117) }
```

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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