

Converting Colors

HunterLab(34.9626, -19.3338,
-8.7508)

Have a look what the booklet for
HunterLab(34.9626, -19.3338,
-8.7508) contains.

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Color

**HunterLab(35.6720,
-17.0175, -7.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	006F78
RGB	0, 111, 120
RGB Percent	0%, 44%, 47%
CMY	0.9999, 0.5647, 0.5294
CMYK	1.00, 0.07, 0.00, 0.53
HSL	185°, 100%, 24%
HSV	185°, 100%, 47%
XYZ	9.0746, 12.7249, 19.7472
YIQ	78.8370, -69.0450, -20.7330

Conversions

Conversions Part 2

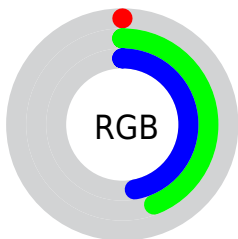
Format	Color
R_{YB}	0, 58, 120
Decimal	28536
CIE _{Lab}	42.35, -22.97, -12.61
CIE _{LCh}	42, 26.201, 208.773
Yxy	12.7254, 0.2184, 0.3063
Android (android.graphics.Color)	4278218616 (0xFF006F78)
YUV	78.8370, 20.2934, -69.1400
Hunter-Lab	35.6720, -17.0175, -7.8511

Details

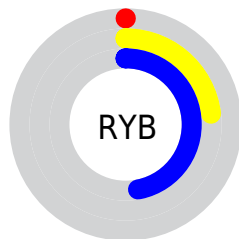
The HunterLab color **35.6720, -17.0175, -7.8511** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20.4665, 32.5930, 13.1809**, and the grayscale version is **27.8520, -1.4861, 1.5133**.

A 20% lighter version of the original color is **55.4911, -20.9197, -7.8745**, and **20.0572, -8.8712, -5.9194** is the 20% darker color. If you saturate the color by 10%, you get **35.6722, -17.0175, -7.8512**, and if you desaturate by 10%, it is **36.0569, -16.9343, -7.2977**.

Distribution



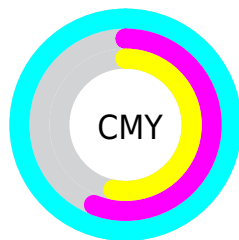
- Red (0%)
- Green (44%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6720, -17.0175, -7.8511 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 35.6720, -17.0175, -7.8511 by changing the saturation by 10% instead.

■ 35.6720, -17.0175,
-7.8511

■ 35.6720, -17.0175,
-7.8511

144.6202,
-33.2235, -6.6305

■ 26.9067, -14.9275,
-7.6724

■ 55.5063, -20.9004,
-7.9812

■ 19.0065, -12.6754,
-7.4115

■ 66.4656, -22.7464,
-7.9465

■ 12.0799, -10.2272,
-7.0712

■ 78.0641, -24.5502,
-7.8525

■ 5.0968, -8.9194,
-10.1442

■ 90.2683, -26.3222,
-7.7037

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.0496,
-28.0702, -7.5040

0.0000, NaN, NaN

■ 116.3829,

0.0000, NaN, NaN

-29.8002, -7.2567

0.0000, NaN, NaN

130.2463,
-31.5167, -6.9647

■ 35.6720, -17.0175,
-7.8511

■ 35.6720, -17.0175,
-7.8511

■ 35.6722, -17.0175,
-7.8512

■ 36.0569, -16.9343,
-7.2977

■ 36.4917, -16.6562,
-6.6766

■ 37.0119, -16.0515,
-5.9398

■ 37.6239, -15.1005,
-5.0829

■ 38.3319, -13.7961,
-4.1066

■ 39.1381, -12.1410,
-3.0147

■ 40.0431, -10.1458,
-1.8137

■ 41.0464, -7.8275,
-0.5119

■ 42.1461, -5.2072,
0.8814

Harmonies

Analogous

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



35.6726, -18.9152, 2.3249



35.6720, -17.0175, -7.8511



35.6726, -11.1916, -17.1264

Triad

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



35.6726, -17.0175, -7.8506



35.6726, 15.7535, -8.7031



35.6726, -1.4993, 15.6537

Complementary

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



35.6720, -17.0175, -7.8511



20.4665, 32.5930, 13.1809

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.



35.6726, 8.4403, 14.1561



35.6720, -17.0175, -7.8511



35.6726, 19.0440, 1.5543

Square

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



35.6726, -17.0175, -7.8506



35.6726, 7.6637, -17.7051



35.6726, 16.2349, 9.5625



35.6726, -10.5612, 14.3873

Rectangle

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



35.6720, -17.0175, -7.8511



35.6726, -5.5139, -20.6005



35.6726, 16.2349, 9.5625



35.6726, 1.8527, 15.4663

Sweetspot

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



35.6726, -17.0175, -7.8506



53.0111, -13.6679, -2.5290



36.6753, -31.2775, 21.6796



25.6017, -7.1122, -1.5018



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



35.6726, -17.0175, -7.8506



47.2190, -22.4579, -10.5396



19.5265, 8.0502, -41.7820



21.1269, -2.4786, 0.5057



37.2468, -17.7596, -8.2174



81.0107, -38.3683, -18.4300

Inverse Universe

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



22.6741, 43.8885, -24.5861



30.0552, 58.1582, -32.4208



28.5099, 11.5492, 17.7691



20.1806, 1.3216, -0.4052



23.6799, 45.8361, -25.6555



51.6646, 99.9213, -55.3284

Previews

White Background



This preview shows how the HunterLab color 35.6720, -17.0175, -7.8511 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 35.6720, -17.0175, -7.8511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

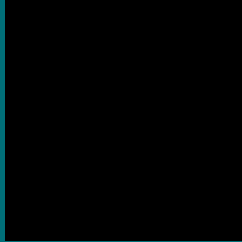
Any Text WCAG AA ✗ Fail

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 35.6720, -17.0175, -7.8511 Background



This preview shows how black text looks on a background with the HunterLab color 35.6720, -17.0175, -7.8511.



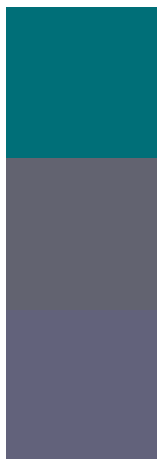
This preview shows how white text looks on a background with the HunterLab color 35.6720,

-17.0175, -7.8511.

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

35.6720, -17.0175, -7.8511

Protanopia

35.6233, -0.0897, -3.5640

Deuteranopia

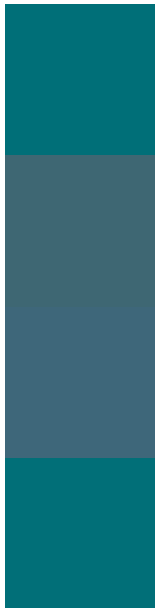
35.7241, 2.3383, -9.0463



Tritanopia

35.6901, -16.9469, -7.8237

Trichromacy



Original Color

35.6720, -17.0175, -7.8511

Protanomaly

34.5868, -9.2717, -6.6545

Deuteranomaly

34.8278, -7.9042, -10.0224

Tritanomaly

35.6811, -16.9822, -7.8374

Monochromacy



Original Color

35.6720, -17.0175, -7.8511

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.9473, -10.2265, -2.6911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6720, -17.0175, -7.8511 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6720, -17.0175, -7.8511 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, 120) }
```


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

```
.border{ border-color:rgb(0, 111, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6720, -17.0175, -7.8511 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, 120) }
```

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

```
.background{ background-color: rgb(0, 111,  
120) }
```

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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