

Converting Colors

HunterLab(35.3378, -10.1927,
-20.9800)

Have a look what the booklet for
HunterLab(35.3378, -10.1927,
-20.9800) contains.

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Color

**HunterLab(35.3789,
-10.3641, -20.6116)**

Conversions

Conversions Part 1	
Format	Color
Hex	0C6B8D
RGB	12, 107, 141
RGB Percent	5%, 42%, 55%
CMY	0.9529, 0.5804, 0.4471
CMYK	0.91, 0.24, 0.00, 0.45
HSL	196°, 84%, 30%
HSV	196°, 91%, 55%
XYZ	10.2171, 12.5167, 27.0768
YIQ	82.4710, -67.5340, -9.5660

Conversions

Conversions Part 2

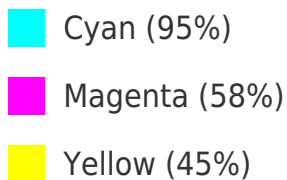
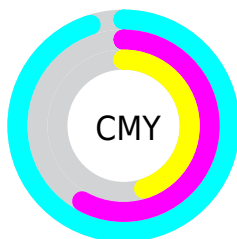
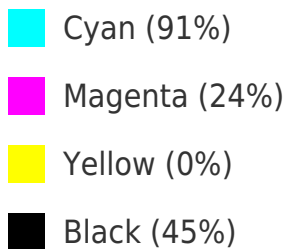
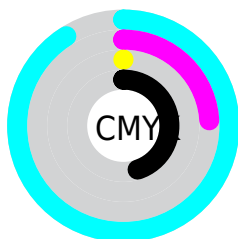
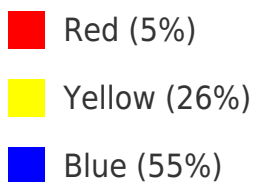
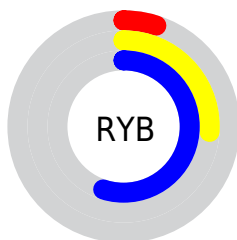
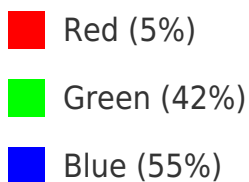
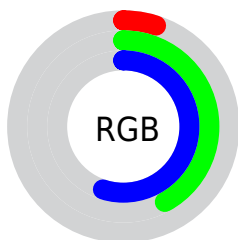
Format	Color
RYB	12, 67, 141
Decimal	813965
CIELab	42.03, -12.37, -25.72
CIELCh	42, 28.545, 244.315
Yxy	12.5171, 0.2051, 0.2513
Android (android.graphics.Color)	4279004045 (0xFF0C6B8D)
YUV	82.4710, 28.8548, -61.8031
Hunter-Lab	35.3789, -10.3641, -20.6116

Details

The HunterLab color **35.3789, -10.3641, -20.6116** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.6493, 29.2702, 16.8026**, and the grayscale version is **29.1372, -1.5547, 1.5831**.

A 20% lighter version of the original color is **55.0683, -12.6644, -21.8768**, and **19.9676, -3.6177, -17.1482** is the 20% darker color. If you saturate the color by 10%, you get **34.3368, -9.4492, -22.5198**, and if you desaturate by 10%, it is **36.6767, -11.1813, -18.3324**.


Distribution





Brightness & Saturation Gradients


These gradients show how the HunterLab color 35.3789, -10.3641, -20.6116 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 35.3789, -10.3641, -20.6116 by changing the saturation by 10% instead.


 35.3789, -10.3641,
-20.6116


 35.3789, -10.3641,
-20.6116


 144.1524,
-21.6522, -23.2248


 26.6400, -9.0519,
-20.0735


 55.1665, -12.9003,
-21.5830


 18.7690, -7.6827,
-19.5688

 66.1047, -14.1480,
-21.9875

 11.8758, -6.2125,
-19.2730


 77.6833, -15.3910,
-22.3331

 4.7364, -8.2888,
-27.9129

 89.8686, -16.6336,
-22.6202

0.0000, NaN, -NF

0.0000, NaN, NaN

 102.6318,
-17.8790, -22.8507

0.0000, NaN, NaN

 115.9478,

0.0000, NaN, NaN

-19.1295, -23.0268

0.0000, NaN, NaN

129.7945,
-20.3868, -23.1507

■ 35.3789, -10.3641,
-20.6116

■ 35.3789, -10.3641,
-20.6116

■ 34.3368, -9.4492,
-22.5198

■ 36.6767, -11.1813,
-18.3324

■ 38.0941, -11.5700,
-15.9499

■ 39.6344, -11.5214,
-13.4757

■ 41.2965, -11.0444,
-10.9261

■ 43.0769, -10.1588,
-8.3181

■ 44.9710, -8.8914,
-5.6680

■ 46.9731, -7.2725,
-2.9900

■ 49.0773, -5.3335,
-0.2957

■ 51.2775, -3.1052,
2.4054

Harmonies

Analogous

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



35.3795, -17.3144, -10.9631



35.3789, -10.3641, -20.6116



35.3795, -0.3301, -23.6413

Triad

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



35.3795, -10.3638, -20.6109



35.3795, 21.0243, 3.3654



35.3795, -12.7459, 14.5668

Complementary

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



35.3789, -10.3641, -20.6116



27.6493, 29.2702, 16.8026

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.



35.3795, -3.4227, 16.4000



35.3789, -10.3641, -20.6116



35.3795, 16.7352, 11.2693

Square

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



35.3795, -10.3638, -20.6109



35.3795, 18.6013, -7.6387



35.3795, 7.4657, 15.4022



35.3795, -18.5708, 9.3946

Rectangle

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



35.3789, -10.3641, -20.6116



35.3795, 6.9763, -20.9239



35.3795, 7.4657, 15.4022



35.3795, -9.9603, 15.5108

Sweetspot

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



35.3795, -10.3638, -20.6109



61.2080, -11.1081, -6.1921



43.9455, -35.7318, 23.2033



28.5596, -5.5348, -3.4236



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



35.3795, -10.3638, -20.6109



45.6384, -12.1952, -30.7181



19.5514, 19.3791, -64.0314



24.2468, -2.3715, 0.1572



32.8282, -9.0812, -21.4286



3.7290, -1.5927, -1.2228

Inverse Universe

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



26.4344, 46.7244, -14.0928



34.4906, 64.1544, -17.1558



40.7118, 1.0704, 24.5977



23.4245, 1.4242, -0.0060



24.6460, 45.9030, -12.7243



2.4842, 4.7512, -2.2471

Previews

White Background



This preview shows how the HunterLab color 35.3789, -10.3641, -20.6116 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 35.3789, -10.3641, -20.6116 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 35.3789, -10.3641, -20.6116 Background



This preview shows how black text looks on a background with the HunterLab color 35.3789, -10.3641, -20.6116.



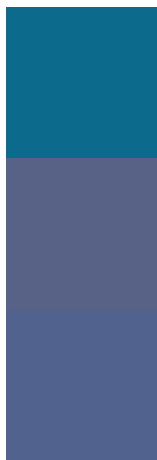
This preview shows how white text looks on a background with the HunterLab color 35.3789, -10.3641, -20.6116.

-10.3641, -20.6116.

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

35.3789, -10.3641, -20.6116

Protanopia

35.3996, 2.0657, -15.9264

Deuteranopia

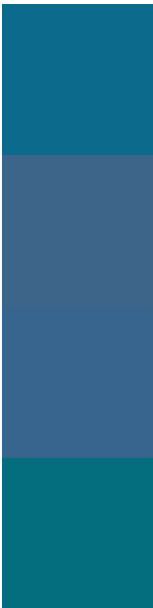
35.3099, 2.5051, -21.8334



Tritanopia

35.2985, -17.0397, -7.3363

Trichromacy



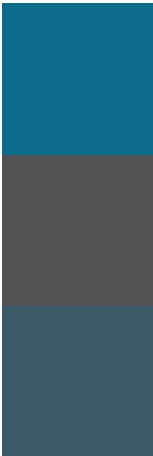
Original Color
35.3789, -10.3641, -20.6116

Protanomaly
34.7479, -4.1348, -19.0435

Deuteranomaly
34.7866, -3.5754, -22.2446

Tritanomaly
35.3121, -14.8632, -11.6428

Monochromacy



Original Color
35.3789, -10.3641, -20.6116

Achromatopsia
29.0476, -1.5499, 1.5782

Achromatomaly
30.5472, -7.4312, -6.2130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3789, -10.3641, -20.6116 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(12, 107, 141)` looks like.

```
.text, #text, p{  
    color:rgb(12, 107, 141)  
}
```

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(12, 107, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 107, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3789, -10.3641, -20.6116 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(12, 107, 141) }
```


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

```
.border{ border-color:rgb(12, 107, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 107, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 107, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 107, 141);  
box-shadow:4px 4px 4px 4px rgb(12, 107,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3789, -10.3641, -20.6116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 107, 141) }
```

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

```
.background{ background-color: rgb(12, 107,  
141) }
```

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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