

Converting Colors

HunterLab(36.3096, -11.1360,
-20.9068)

Have a look what the booklet for
HunterLab(36.3096, -11.1360,
-20.9068) contains.

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Color

**HunterLab(36.3198,
-11.1691, -20.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	046E90
RGB	4, 110, 144
RGB Percent	2%, 43%, 56%
CMY	0.9842, 0.5686, 0.4353
CMYK	0.97, 0.24, 0.00, 0.44
HSL	195°, 95%, 29%
HSV	195°, 97%, 56%
XYZ	10.6600, 13.1913, 28.3698
YIQ	82.1820, -74.0900, -11.8980

Conversions

Conversions Part 2

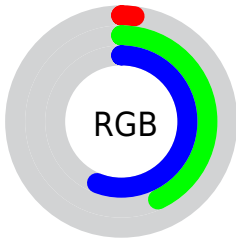
Format	Color
RYB	4, 64, 144
Decimal	290448
CIELab	43.05, -13.40, -25.93
CIELCh	43, 29.187, 242.671
Yxy	13.1917, 0.2041, 0.2526
Android (android.graphics.Color)	4278480528 (0xFF046E90)
YUV	82.1820, 30.4763, -68.5656
Hunter-Lab	36.3198, -11.1691, -20.8883

Details

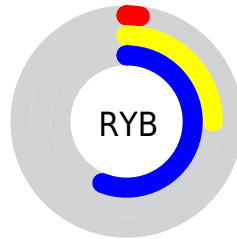
The HunterLab color **36.3198, -11.1691, -20.8883** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.0659, 33.2089, 17.0064**, and the grayscale version is **29.0283, -1.5489, 1.5772**.

A 20% lighter version of the original color is **56.3939, -13.9574, -21.6645**, and **20.5805, -3.9386, -17.2216** is the 20% darker color. If you saturate the color by 10%, you get **35.9947, -10.8940, -21.4732**, and if you desaturate by 10%, it is **37.5076, -12.0877, -18.8088**.

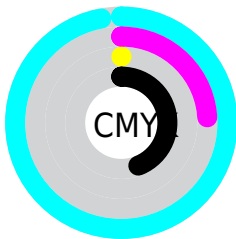
Distribution



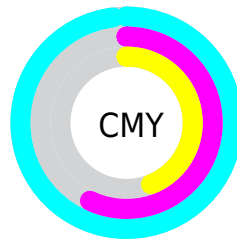
- Red (2%)
- Green (43%)
- Blue (56%)



- Red (2%)
- Yellow (25%)
- Blue (56%)



- Cyan (97%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3198, -11.1691, -20.8883 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 36.3198, -11.1691, -20.8883 by changing the saturation by 10% instead.

36.3198, -11.1691,
-20.8883

36.3198, -11.1691,
-20.8883

145.6512,
-22.9212, -23.5022

27.4967, -9.7883,
-20.3485

56.2564, -13.8281,
-21.8590

19.5324, -8.3443,
-19.8360

67.2619, -15.1316,
-22.2630

12.5328, -6.7912,
-19.5106

78.9041, -16.4275,
-22.6082

5.8115, -10.1701,
-24.1259

91.1498, -17.7206,
-22.8954

0.0000, NaN, -NF

0.0000, NaN, NaN

103.9707,
-19.0142, -23.1261

0.0000, NaN, NaN

117.3421,

0.0000, NaN, NaN

-20.3109, -23.3026

0.0000, NaN, NaN

131.2420,
-21.6128, -23.4272

■ 36.3198, -11.1691,
-20.8883

■ 36.3198, -11.1691,
-20.8883

■ 35.9947, -10.8940,
-21.4732

■ 37.5076, -12.0877,
-18.8088

■ 38.8018, -12.6238,
-16.6296

■ 40.2186, -12.7180,
-14.3380

■ 41.7597, -12.3670,
-11.9466

■ 43.4240, -11.5827,
-9.4716

■ 45.2079, -10.3870,
-6.9299

■ 47.1068, -8.8077,
-4.3372

■ 49.1152, -6.8758,
-1.7078

■ 51.2273, -4.6231,
0.9464

Harmonies

Analogous

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



36.3204, -18.1174, -10.6801



36.3198, -11.1691, -20.8883



36.3204, -0.9468, -24.4858

Triad

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



36.3204, -11.1688, -20.8876



36.3204, 21.7538, 2.9042



36.3204, -12.6894, 15.1851

Complementary

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



36.3198, -11.1691, -20.8883



27.0659, 33.2089, 17.0064

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.



36.3204, -2.9225, 16.9028



36.3198, -11.1691, -20.8883



36.3204, 17.6826, 11.2649

Square

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



36.3204, -11.1688, -20.8876



36.3204, 18.8761, -8.5530



36.3204, 8.3137, 15.7165



36.3204, -18.9190, 10.0700

Rectangle

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



36.3198, -11.1691, -20.8883



36.3204, 6.5972, -21.9867



36.3204, 8.3137, 15.7165



36.3204, -9.7548, 16.0963

Sweetspot

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



36.3204, -11.1688, -20.8876



61.9454, -12.2419, -6.5870



44.8377, -37.2520, 24.6966



29.1980, -6.2549, -3.7889



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



36.3204, -11.1688, -20.8876



47.5212, -14.0686, -29.0273



19.1041, 21.5962, -69.7389



24.2846, -2.4327, 0.2025



33.6453, -10.2450, -19.9377



3.7749, -1.6515, -1.1532

Inverse Universe

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



26.7253, 49.1411, -15.3994



35.1840, 65.7139, -19.5922



40.4789, 3.0129, 24.8265



23.4285, 1.4454, -0.0622



24.7570, 46.2979, -14.2409



2.4911, 4.7757, -2.3398

Previews

White Background



This preview shows how the HunterLab color 36.3198, -11.1691, -20.8883 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 36.3198, -11.1691, -20.8883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

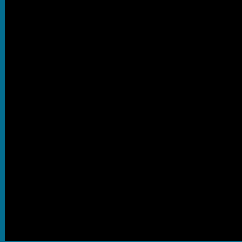
Any Text WCAG AA × Fail

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 36.3198, -11.1691, -20.8883 Background



This preview shows how black text looks on a background with the HunterLab color 36.3198, -11.1691, -20.8883.



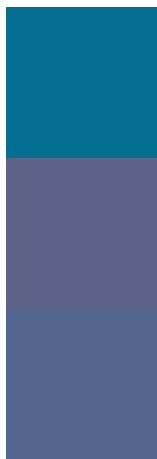
This preview shows how white text looks on a background with the HunterLab color 36.3198, -11.1691, -20.8883.

-11.1691, -20.8883.

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

36.3198, -11.1691, -20.8883

Protanopia

36.2161, 2.2505, -15.7770

Deuteranopia

36.4246, 2.4051, -21.7784



Tritanopia

36.3190, -17.5741, -7.4582

Trichromacy



Original Color

36.3198, -11.1691, -20.8883

Protanomaly

35.6294, -5.1675, -18.7827

Deuteranomaly

35.7172, -4.3497, -22.5351

Tritanomaly

36.3040, -15.4988, -11.8198

Monochromacy



Original Color

36.3198, -11.1691, -20.8883

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.7546, -7.9791, -6.9536

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3198, -11.1691, -20.8883 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(4, 110, 144)` looks like.

```
.text, #text, p{  
    color:rgb(4, 110, 144)  
}
```

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(4, 110, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 110, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3198, -11.1691, -20.8883 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(4, 110, 144) }
```


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

```
.border{ border-color:rgb(4, 110, 144) }
```

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

Here you see how a box with a 4 pixel rgb(4, 110, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 110, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 110, 144);  
box-shadow:4px 4px 4px 4px rgb(4, 110,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3198, -11.1691, -20.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 110, 144) }
```

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

```
.background{ background-color: rgb(4, 110,  
144) }
```

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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