

Converting Colors

HunterLab(29.9020, -36.2234,
-32.8906)

Have a look what the booklet for
HunterLab(29.9020, -36.2234,
-32.8906) contains.

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Color

**HunterLab(35.9030,
-11.3673, -20.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	006D8E
RGB	0, 109, 142
RGB Percent	0%, 43%, 56%
CMY	0.9999, 0.5725, 0.4431
CMYK	1.00, 0.23, 0.00, 0.44
HSL	194°, 100%, 28%
HSV	194°, 100%, 56%
XYZ	10.3511, 12.8903, 27.5336
YIQ	80.1710, -75.5570, -12.8450

Conversions

Conversions Part 2

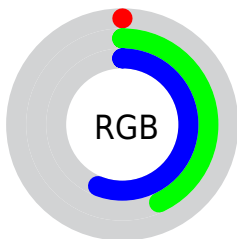
Format	Color
R _{YB}	0, 62, 142
Decimal	28046
CIE Lab	42.60, -13.80, -25.44
CIE LCh	43, 28.944, 241.523
Yxy	12.8907, 0.2039, 0.2539
Android (android.graphics.Color)	4278218126 (0xFF006D8E)
YUV	80.1710, 30.4817, -70.3100
Hunter-Lab	35.9030, -11.3673, -20.3368

Details

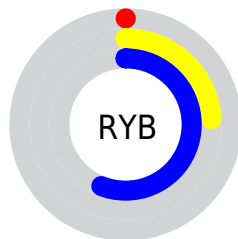
The HunterLab color **35.9030, -11.3673, -20.3368** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.1529, 34.0876, 16.7107**, and the grayscale version is **28.3004, -1.5100, 1.5376**.

A 20% lighter version of the original color is **55.9188, -14.2613, -21.1658**, and **20.2736, -3.7780, -17.1847** is the 20% darker color. If you saturate the color by 10%, you get **35.9019, -11.3657, -20.3391**, and if you desaturate by 10%, it is **37.0178, -12.2474, -18.3930**.

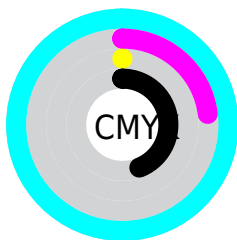
Distribution



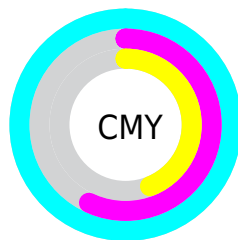
- Red (0%)
- Green (43%)
- Blue (56%)



- Red (0%)
- Yellow (24%)
- Blue (56%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9030, -11.3673, -20.3368 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 35.9030, -11.3673, -20.3368 by changing the saturation by 10% instead.

■ 35.9030, -11.3673,
-20.3368

■ 35.9030, -11.3673,
-20.3368

■ 144.9883,
-23.3044, -22.8534

■ 27.1170, -9.9556,
-19.8028

■ 55.7739, -14.0784,
-21.2898

■ 19.1938, -8.4753,
-19.2925

■ 66.7497, -15.4046,
-21.6834

■ 12.2410, -6.8775,
-18.9644

■ 78.3638, -16.7216,
-22.0176

■ 5.3631, -9.3854,
-24.8628

■ 90.5829, -18.0344,
-22.2933

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.3783,
-19.3466, -22.5125

0.0000, NaN, NaN

■ 116.7252,

0.0000, NaN, NaN

-20.6611, -22.6773

0.0000, NaN, NaN

130.6017,
-21.9798, -22.7902

■ 35.9030, -11.3673,
-20.3368

■ 35.9030, -11.3673,
-20.3368

■ 35.9019, -11.3657,
-20.3391

■ 37.0178, -12.2474,
-18.3930

■ 38.2166, -12.8263,
-16.3786

■ 39.5334, -12.9777,
-14.2474

■ 40.9715, -12.6921,
-12.0092

■ 42.5305, -11.9765,
-9.6785

■ 44.2081, -10.8490,
-7.2712

■ 46.0003, -9.3349,
-4.8031

■ 47.9022, -7.4633,
-2.2888

■ 49.9083, -5.2652,
0.2590

Harmonies

Analogous

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



35.9036, -18.0817, -10.0991



35.9030, -11.3673, -20.3368



35.9036, -1.3594, -24.2071

Triad

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



35.9036, -11.3670, -20.3361



35.9036, 21.5060, 2.4797



35.9036, -12.2237, 15.1261

Complementary

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



35.9030, -11.3673, -20.3368



26.1529, 34.0876, 16.7107

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.



35.9036, -2.4725, 16.7096



35.9030, -11.3673, -20.3368



35.9036, 17.7340, 10.8876

Square

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



35.9036, -11.3670, -20.3361



35.9036, 18.4064, -8.9007



35.9036, 8.6229, 15.4255



35.9036, -18.5333, 10.2144

Rectangle

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



35.9030, -11.3673, -20.3368



35.9036, 6.0927, -21.9553



35.9036, 8.6229, 15.4255



35.9036, -9.2820, 15.9860

Sweetspot

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



35.9036, -11.3670, -20.3361



60.9288, -12.5392, -6.5896



44.0955, -37.0193, 24.8004



28.3735, -6.2984, -3.6888



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.



35.9036, -11.3670, -20.3361



47.4048, -14.7137, -27.4891



18.6750, 21.3227, -69.3675



24.3038, -2.4636, 0.2253



34.0609, -10.8284, -19.1977



3.7978, -1.6807, -1.1187

Inverse Universe

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



26.1829, 49.0514, -15.7704



34.7303, 65.0075, -20.4318



38.9988, 4.4570, 24.1080



23.4305, 1.4562, -0.0907



24.8143, 46.5016, -15.0215



2.4947, 4.7880, -2.3865

Previews

White Background



This preview shows how the HunterLab color 35.9030, -11.3673, -20.3368 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 35.9030, -11.3673, -20.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

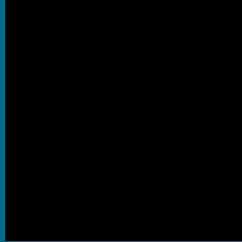
Any Text WCAG AA × Fail

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 35.9030, -11.3673, -20.3368 Background



This preview shows how black text looks on a background with the HunterLab color 35.9030, -11.3673, -20.3368.



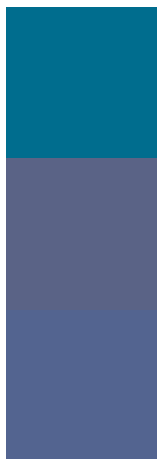
This preview shows how white text looks on a background with the HunterLab color 35.9030,

-11.3673, -20.3368.

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

35.9030, -11.3673, -20.3368

Protanopia

35.8030, 2.0647, -15.2522

Deuteranopia

36.0097, 2.2098, -21.2162



Tritanopia

35.9783, -17.3957, -7.4175

Trichromacy



Original Color

35.9030, -11.3673, -20.3368

Protanomaly

35.1802, -5.4842, -18.3044

Deuteranomaly

35.2712, -4.6572, -22.0305

Tritanomaly

35.9547, -15.3564, -11.7901

Monochromacy



Original Color

35.9030, -11.3673, -20.3368

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.2742, -8.4375, -6.6235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9030, -11.3673, -20.3368 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, 109, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 142)  
}
```

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, 109, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9030, -11.3673, -20.3368 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, 109, 142) }
```


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

```
.border{ border-color:rgb(0, 109, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.9030, -11.3673, -20.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 142) }
```

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

```
.background{ background-color: rgb(0, 109,  
142) }
```

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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