

Converting Colors

HunterLab(35.8011, -15.2891,
-11.7435)

Have a look what the booklet for
HunterLab(35.8011, -15.2891,
-11.7435) contains.

HunterLab(35.9547, -15.3564, -11.7901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(35.9547,
-15.3564, -11.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	006F80
RGB	0, 111, 128
RGB Percent	0%, 44%, 50%
CMY	0.9999, 0.5647, 0.4980
CMYK	1.00, 0.13, 0.00, 0.50
HSL	188°, 100%, 25%
HSV	188°, 100%, 50%
XYZ	9.5807, 12.9274, 22.4123
YIQ	79.7490, -71.6130, -18.2450

Conversions

Conversions Part 2

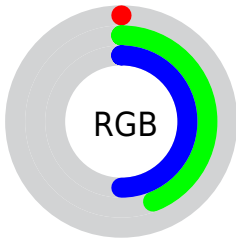
Format	Color
RYB	0, 59, 128
Decimal	28544
CIELab	42.65, -20.12, -16.96
CIELCh	43, 26.315, 220.129
Yxy	12.9279, 0.2133, 0.2878
Android (android.graphics.Color)	4278218624 (0xFF006F80)
YUV	79.7490, 23.7877, -69.9399
Hunter-Lab	35.9547, -15.3564, -11.7901

Details

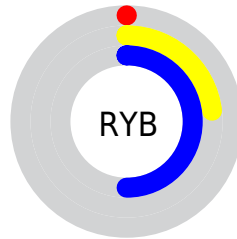
The HunterLab color **35.9547, -15.3564, -11.7901** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.3399, 33.6400, 14.3533**, and the grayscale version is **28.1700, -1.5031, 1.5305**.

A 20% lighter version of the original color is **55.8506, -18.9176, -12.3246**, and **20.2966, -7.4750, -9.2325** is the 20% darker color. If you saturate the color by 10%, you get **35.9545, -15.3560, -11.7908**, and if you desaturate by 10%, it is **36.5876, -15.5753, -10.8218**.

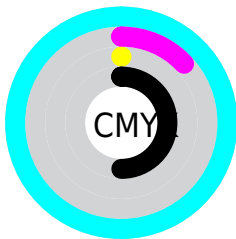
Distribution



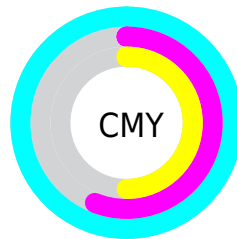
- Red (0%)
- Green (44%)
- Blue (50%)



- Red (0%)
- Yellow (23%)
- Blue (50%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9547, -15.3564, -11.7901 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 35.9547, -15.3564, -11.7901 by changing the saturation by 10% instead.

■ 35.9547, -15.3564,
-11.7901

■ 35.9547, -15.3564,
-11.7901

■ 145.0706,
-30.2139, -11.9529

■ 27.1641, -13.4836,
-11.4533

■ 55.8338, -18.8665,
-12.2465

■ 19.2358, -11.4803,
-11.0509

■ 66.8133, -20.5478,
-12.3730

■ 12.2772, -9.2670,
-10.6173

■ 78.4309, -22.1978,
-12.4372

■ 5.4208, -9.4864,
-13.8512

■ 90.6533, -23.8250,
-12.4430

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.4519,
-25.4359, -12.3944

0.0000, NaN, NaN

■ 116.8019,

0.0000, NaN, NaN

-27.0353, -12.2946

0.0000, NaN, NaN

130.6813,
-28.6269, -12.1465

■ 35.9547, -15.3564,
-11.7901

■ 35.9547, -15.3564,
-11.7901

■ 35.9545, -15.3560,
-11.7908

■ 36.5876, -15.5753,
-10.8218

■ 37.2809, -15.5645,
-9.7790

■ 38.0695, -15.1937,
-8.6137

■ 38.9594, -14.4460,
-7.3259

■ 39.9533, -13.3185,
-5.9205

■ 41.0521, -11.8186,
-4.4060

■ 42.2550, -9.9617,
-2.7926

■ 43.5599, -7.7689,
-1.0917

■ 44.9638, -5.2645,
0.6851

Harmonies

Analogous

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



35.9553, -18.8160, -1.3776



35.9547, -15.3564, -11.7901



35.9553, -8.1686, -19.5946

Triad

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



35.9553, -15.3563, -11.7895



35.9553, 17.8045, -4.7628



35.9553, -5.2094, 15.6156

Complementary

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



35.9547, -15.3564, -11.7901



22.3399, 33.6400, 14.3533

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.



35.9553, 4.7859, 15.1682



35.9547, -15.3564, -11.7901



35.9553, 18.8179, 5.0002

Square

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



35.9553, -15.3563, -11.7895



35.9553, 11.1983, -14.8367



35.9553, 13.8336, 11.7866



35.9553, -13.3920, 13.2380

Rectangle

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



35.9547, -15.3564, -11.7901



35.9553, -1.8775, -21.2869



35.9553, 13.8336, 11.7866



35.9553, -1.9633, 15.7710

Sweetspot

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



35.9553, -15.3563, -11.7895



55.9509, -13.4064, -3.8601



39.3357, -33.4179, 22.9751



26.7928, -6.9299, -2.2407



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



35.9553, -15.3563, -11.7895



47.5502, -20.1727, -15.8866



19.3953, 12.0572, -50.2672



21.8919, -2.4405, 0.4111



35.8044, -15.2936, -11.7379

0.0000, NaN, NaN

Inverse Universe

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



23.9528, 45.8073, -21.6653



31.7577, 60.7009, -28.4306



31.8946, 9.6304, 19.8210



20.9831, 1.3424, -0.2946



23.8509, 45.6171, -21.5779

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 35.9547, -15.3564, -11.7901 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 35.9547, -15.3564, -11.7901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

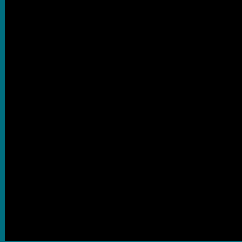
Any Text WCAG AA × Fail

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 35.9547, -15.3564, -11.7901 Background



This preview shows how black text looks on a background with the HunterLab color 35.9547, -15.3564, -11.7901.



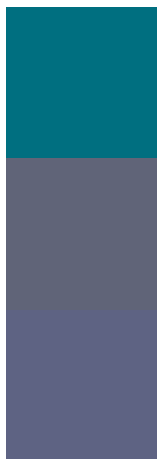
This preview shows how white text looks on a background with the HunterLab color 35.9547,

-15.3564, -11.7901.

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

35.9547, -15.3564, -11.7901

Protanopia

35.9961, 0.3375, -7.0817

Deuteranopia

35.9751, 2.4133, -13.1790



Tritanopia

36.0122, -17.1954, -7.8922

Trichromacy



Original Color

35.9547, -15.3564, -11.7901

Protanomaly

35.1038, -8.2947, -10.1642

Deuteranomaly

35.0326, -6.5689, -14.2705

Tritanomaly

36.1159, -16.5846, -9.3403

Monochromacy



Original Color

35.9547, -15.3564, -11.7901

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.0816, -9.5394, -3.9211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9547, -15.3564, -11.7901 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9547, -15.3564, -11.7901 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, 128) }
```


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

```
.border{ border-color:rgb(0, 111, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.9547, -15.3564, -11.7901 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, 128) }
```

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

```
.background{ background-color: rgb(0, 111,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor