

Converting Colors

HunterLab(34.7644, -11.5564,
-18.5056)

Have a look what the booklet for
HunterLab(34.7644, -11.5564,
-18.5056) contains.

HunterLab(34.7644, -11.5564, -18.5056)	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(34.7644,
-11.5564, -18.5056)**

Conversions

Conversions Part 1

Format	Color
Hex	006A88
RGB	0, 106, 136
RGB Percent	0%, 42%, 53%
CMY	0.9999, 0.5843, 0.4667
CMYK	1.00, 0.22, 0.00, 0.47
HSL	193°, 100%, 27%
HSV	193°, 100%, 53%
XYZ	9.5980, 12.0856, 25.1194
YIQ	77.7260, -72.8060, -13.1420

Conversions

Conversions Part 2

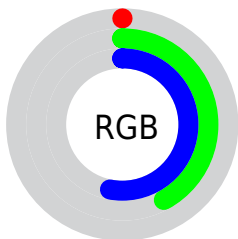
Format	Color
RYB	0, 60, 136
Decimal	27272
CIELab	41.35, -14.37, -23.78
CIELCh	41, 27.784, 238.856
Yxy	12.0861, 0.2051, 0.2582
Android (android.graphics.Color)	4278217352 (0xFF006A88)
YUV	77.7260, 28.7291, -68.1657
Hunter-Lab	34.7644, -11.5564, -18.5056

Details

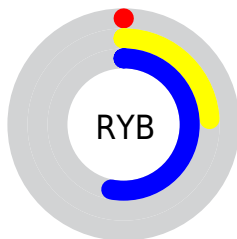
The HunterLab color **34.7644, -11.5564, -18.5056** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **24.8269, 32.8958, 15.8729**, and the grayscale version is **27.4241, -1.4633, 1.4900**.

A 20% lighter version of the original color is **54.3080, -14.3459, -19.3476**, and **19.4931, -4.4103, -14.8441** is the 20% darker color. If you saturate the color by 10%, you get **34.7636, -11.5551, -18.5073**, and if you desaturate by 10%, it is **35.7849, -12.3030, -16.7575**.

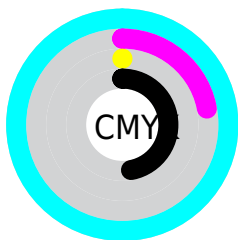
Distribution



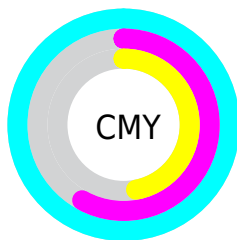
- Red (0%)
- Green (42%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7644, -11.5564, -18.5056 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 34.7644, -11.5564, -18.5056 by changing the saturation by 10% instead.

■ 34.7644, -11.5564,
-18.5056

■ 34.7644, -11.5564,
-18.5056

143.1692,
-23.7633, -20.6650

■ 26.0812, -10.0965,
-17.9939

■ 54.4534, -14.3461,
-19.3919

■ 18.2723, -8.5578,
-17.4909

■ 65.3471, -15.7058,
-19.7465

■ 11.4501, -6.8842,
-17.1444

■ 76.8837, -17.0535,
-20.0399

■ 3.8696, -6.7718,
-29.5806

■ 89.0290, -18.3948,
-20.2739

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.7541,
-19.7337, -20.4509

0.0000, NaN, NaN

■ 115.0336,

0.0000, NaN, NaN

-21.0733, -20.5733

0.0000, NaN, NaN

128.8452,
-22.4159, -20.6438

■ 34.7644, -11.5564,
-18.5056

■ 34.7644, -11.5564,
-18.5056

■ 34.7636, -11.5551,
-18.5073

■ 35.7849, -12.3030,
-16.7575

■ 36.8814, -12.7748,
-14.9426

■ 38.0884, -12.8438,
-13.0134

■ 39.4094, -12.5004,
-10.9781

■ 40.8444, -11.7501,
-8.8495

■ 42.3916, -10.6090,
-6.6421

■ 44.0476, -9.1001,
-4.3705

■ 45.8079, -7.2505,
-2.0486

■ 47.6676, -5.0888,
0.3114

Harmonies

Analogous

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



34.7650, -17.6165, -8.5317



34.7644, -11.5564, -18.5056



34.7650, -2.2531, -22.8331

Triad

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



34.7650, -11.5561, -18.5050



34.7650, 20.3444, 1.5124



34.7650, -10.9433, 14.7185

Complementary

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



34.7644, -11.5564, -18.5056



24.8269, 32.8958, 15.8729

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.



34.7650, -1.4588, 15.9908



34.7644, -11.5564, -18.5056



34.7650, 17.3320, 9.8403

Square

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



34.7650, -11.5561, -18.5050



34.7650, 16.8538, -9.3828



34.7650, 9.0382, 14.5022



34.7650, -17.2929, 10.3238

Rectangle

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



34.7644, -11.5564, -18.5056



34.7650, 4.8067, -21.1930



34.7650, 9.0382, 14.5022



34.7650, -8.0535, 15.4568

Sweetspot

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



34.7650, -11.5561, -18.5050



58.3232, -12.2279, -6.0044



42.0710, -35.3021, 23.6235



27.6729, -6.2590, -3.4253



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



34.7650, -11.5561, -18.5050



45.8933, -14.9851, -25.0140



17.8861, 20.1443, -65.8383



23.4619, -2.4029, 0.2486



33.8409, -11.2702, -17.9692



3.1219, -1.3990, -0.8821

Inverse Universe

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



25.0506, 47.0499, -16.0142



33.2178, 62.3352, -20.7724



37.2441, 4.1828, 23.0221



22.6062, 1.3993, -0.1098



24.3727, 45.7855, -15.6182



2.0401, 3.9207, -1.9915

Previews

White Background



This preview shows how the HunterLab color 34.7644, -11.5564, -18.5056 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 34.7644, -11.5564, -18.5056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

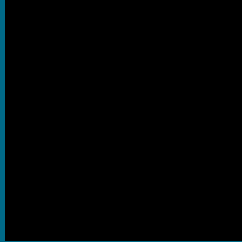
Any Text WCAG AA × Fail

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 34.7644, -11.5564, -18.5056 Background



This preview shows how black text looks on a background with the HunterLab color 34.7644, -11.5564, -18.5056.



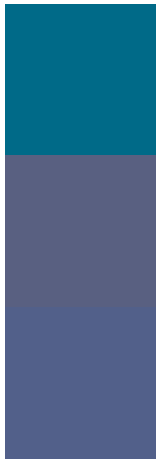
This preview shows how white text looks on a background with the HunterLab color 34.7644, -11.5564, -18.5056.

-11.5564, -18.5056.

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

34.7644, -11.5564, -18.5056

Protanopia

34.7485, 2.1952, -13.9869

Deuteranopia

34.6332, 2.5287, -19.7782



Tritanopia

34.6547, -16.4855, -7.7280

Trichromacy



Original Color

34.7644, -11.5564, -18.5056

Protanomaly

34.1323, -5.2942, -16.9803

Deuteranomaly

34.1329, -4.8813, -20.1631

Tritanomaly

34.5986, -14.6527, -11.6143

Monochromacy



Original Color

34.7644, -11.5564, -18.5056

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.2548, -8.1355, -6.0395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7644, -11.5564, -18.5056 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, 106, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 136)  
}
```

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, 106, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7644, -11.5564, -18.5056 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, 106, 136) }
```


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

```
.border{ border-color:rgb(0, 106, 136) }
```

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

Here you see how a box with a 4 pixel rgb(0, 106, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7644, -11.5564, -18.5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 136) }
```

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

```
.background{ background-color: rgb(0, 106,  
136) }
```

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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