

Converting Colors

HunterLab(51.9979, -11.4377,
-0.1162)

Have a look what the booklet for
HunterLab(51.9979, -11.4377,
-0.1162) contains.

HunterLab(51.9913, -11.5470, -0.1155)	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(51.9913,
-11.5470, -0.1155)**

Conversions

Conversions Part 1

Format	Color
Hex	749494
RGB	116, 148, 148
RGB Percent	45%, 58%, 58%
CMY	0.5451, 0.4196, 0.4196
CMYK	0.22, 0.00, 0.00, 0.42
HSL	180°, 13%, 52%
HSV	180°, 22%, 58%
XYZ	23.1377, 27.0310, 32.0150
YIQ	138.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

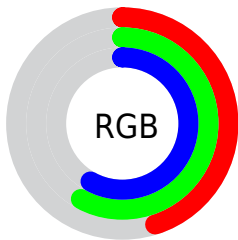
Format	Color
R_{YB}	116, 132, 148
Decimal	7640212
CIE Lab	59.00, -11.09, -3.68
CIE LCh	59, 11.685, 198.339
Yxy	27.0321, 0.2815, 0.3289
Android (android.graphics.Color)	4285830292 (0xFF749494)
YUV	138.4320, 4.7170, -19.6729
Hunter-Lab	51.9913, -11.5470, -0.1155

Details

The HunterLab color $51.9913, -11.5470, -0.1155$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.7754, 7.7985, 5.8463$, and the grayscale version is $50.5737, -2.6985, 2.7478$.

A 20% lighter version of the original color is $74.1218, -13.7742, 0.7362$, and $32.5665, -9.0476, -0.6806$ is the 20% darker color. If you saturate the color by 10%, you get $51.0855, -14.8866, -1.2987$, and if you desaturate by 10%, it is $53.0363, -7.7802, 1.2230$.

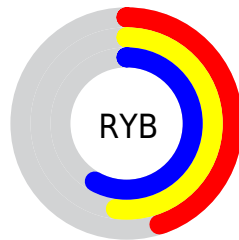
Distribution



Red (45%)

Green (58%)

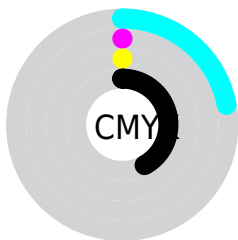
Blue (58%)



Red (45%)

Yellow (52%)

Blue (58%)

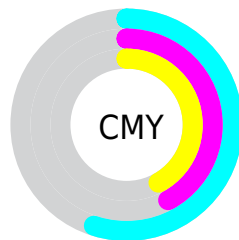


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9913, -11.5470, -0.1155 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 51.9913, -11.5470, -0.1155 by changing the saturation by 10% instead.

■ 51.9913, -11.5470,
-0.1155

■ 51.9913, -11.5470,
-0.1155

169.6503,
-22.3180, 4.9335

■ 41.9491, -10.3623,
-0.4700

■ 74.1184, -13.9022,
0.7398

■ 32.6516, -9.1605,
-0.7704

■ 86.1235, -15.0809,
1.2316

■ 24.1652, -7.9287,
-1.0088

■ 98.7148, -16.2647,
1.7625

■ 16.5764, -6.6427,
-1.1749

111.8662,
-17.4557, 2.3302

■ 10.0075, -5.4438,
-1.2531

125.5547,
-18.6556, 2.9327

0.0000, NaN, -NF

139.7600,

0.0000, NaN, NaN

-19.8653, 3.5684

0.0000, NaN, NaN

154.4640,
-21.0859, 4.2358

0.0000, NaN, NaN

■ 51.9913, -11.5470,
-0.1155

■ 51.9913, -11.5470,
-0.1155

■ 51.0855, -14.8866,
-1.2987

■ 53.0363, -7.7802,
1.2230

■ 50.3154, -17.7721,
-2.3210

■ 54.2159, -3.6146,
2.7038

■ 49.6803, -20.1888,
-3.1763

■ 55.5285, 0.9137,
4.3159

■ 49.1760, -22.1316,
-3.8634

■ 56.9706, 5.7673,
6.0463

■ 48.7966, -23.6086,
-4.3853

■ 58.5377, 10.9086,
7.8822

■ 48.5330, -24.6421,
-4.7502

■ 60.2248, 16.3006,
9.8109

■ 48.3734, -25.2711,
-4.9721

■ 62.0266, 21.9087,
11.8202

■ 48.2895, -25.6027,
-5.0888

■ 63.9375, 27.7011,
13.8993

■ 65.9519, 33.6490,
16.0379

Harmonies

Analogous

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



51.9924, -11.8164, 4.6358



51.9913, -11.5470, -0.1155



51.9924, -8.9832, -4.4364

Triad

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



51.9924, -11.5478, -0.1147



51.9924, 4.5632, -3.5884



51.9924, -0.8296, 10.9754

Complementary

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



51.9913, -11.5470, -0.1155



44.7754, 7.7985, 5.8463

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.



51.9924, 3.7348, 9.1788



51.9913, -11.5470, -0.1155



51.9924, 6.9256, 0.9572

Square

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



51.9924, -11.5478, -0.1147



51.9924, 0.2667, -6.5682



51.9924, 6.6168, 5.6121



51.9924, -5.7521, 10.7469

Rectangle

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



51.9913, -11.5470, -0.1155



51.9924, -6.2605, -6.3558



51.9924, 6.6168, 5.6121



51.9924, 0.8008, 10.5958

Sweetspot

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



51.9924, -11.5478, -0.1147



71.2879, -7.3523, 2.6842



51.1777, -16.2581, 12.1082



34.0171, -3.6651, 1.2284



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.9924, -11.5478, -0.1147



68.4486, -17.5840, -0.9488



47.4337, -4.4633, -5.8713



25.6169, -3.2712, 0.7538



44.6285, -23.6616, -4.7031



4.9374, -2.6176, -0.5205

Inverse Universe

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



44.7754, 7.7985, 5.8463



56.7914, 13.7610, 8.7119



48.9040, 0.3581, 10.1081



24.1151, 0.7362, 1.9880



23.1899, 39.7136, 14.9842



2.5656, 4.3937, 1.6574

Previews

White Background



This preview shows how the HunterLab color 51.9913, -11.5470, -0.1155 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.9913, -11.5470, -0.1155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

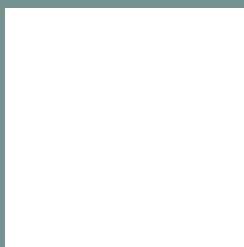
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.9913, -11.5470, -0.1155 Background



This preview shows how black text looks on a background with the HunterLab color 51.9913, -11.5470, -0.1155.



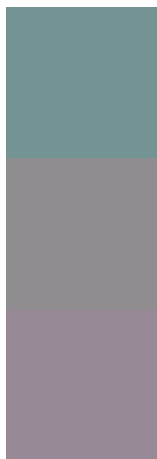
This preview shows how white text looks on a background with the HunterLab color 51.9913,

-11.5470, -0.1155.

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

51.9913, -11.5470, -0.1155

Protanopia

51.8681, -1.6825, 1.7703

Deuteranopia

51.6456, 3.6758, -1.2370



Tritanopia

51.8439, -8.3640, -5.1941

Trichromacy



Original Color

51.9913, -11.5470, -0.1155

Protanomaly

51.9398, -5.8130, 1.3243

Deuteranomaly

51.5974, -2.3179, -0.9194

Tritanomaly

51.9446, -9.7964, -3.0584

Monochromacy



Original Color

51.9913, -11.5470, -0.1155

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.0341, -6.2004, 1.6073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9913, -11.5470, -0.1155 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(116, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(116, 148, 148)  
}
```

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(116, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 148, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9913, -11.5470, -0.1155 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(116, 148, 148) }
```


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

```
.border{ border-color:rgb(116, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(116, 148,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9913, -11.5470, -0.1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 148, 148) }
```

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

```
.background{ background-color: rgb(116,  
148, 148) }
```

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