

Converting Colors

HunterLab(40.3640, -5.1670,
-11.5527)

Have a look what the booklet for
HunterLab(40.3640, -5.1670,
-11.5527) contains.

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Color

**HunterLab(40.5098, -5.1960,
-11.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	57748C
RGB	87, 116, 140
RGB Percent	34%, 45%, 55%
CMY	0.6588, 0.5451, 0.4510
CMYK	0.38, 0.17, 0.00, 0.45
HSL	207°, 23%, 45%
HSV	207°, 38%, 55%
XYZ	14.9095, 16.4104, 27.1926
YIQ	110.0650, -24.9880, 1.3160

Conversions

Conversions Part 2

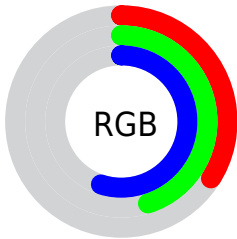
Format	Color
R_{YB}	87, 106, 140
Decimal	5731468
CIE _{Lab}	47.51, -4.09, -16.45
CIE _{LCh}	48, 16.951, 256.048
Yxy	16.4111, 0.2548, 0.2805
Android (android.graphics.Color)	4283921548 (0xFF57748C)
YUV	110.0650, 14.7580, -20.2280
Hunter-Lab	40.5098, -5.1960, -11.4422

Details

The HunterLab color $[40.5098, -5.1960, -11.4422]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[41.9913, 3.9673, 13.2123]$, and the grayscale version is $[39.4653, -2.1058, 2.1442]$.

A 20% lighter version of the original color is $[61.1468, -6.6221, -11.9267]$, and $[22.9880, -3.6415, -10.8466]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.9331, -5.1103, -15.4955]$, and if you desaturate by 10%, it is $[43.2011, -4.9382, -7.5174]$.

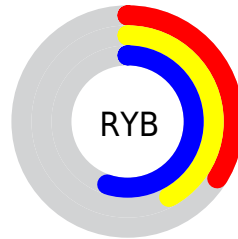
Distribution



Red (34%)

Green (45%)

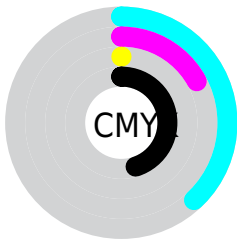
Blue (55%)



Red (34%)

Yellow (42%)

Blue (55%)

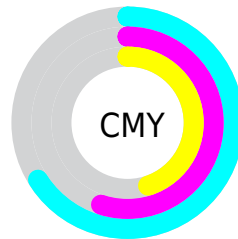


Cyan (38%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5098, -5.1960, -11.4422 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 40.5098, -5.1960, -11.4422 by changing the saturation by 10% instead.

■ 40.5098, -5.1960,
-11.4422

■ 40.5098, -5.1960,
-11.4422

■ 152.2351,
-12.8875, -11.2014

■ 31.3297, -4.4492,
-11.1579

■ 61.0822, -6.7525,
-11.7944

■ 22.9713, -3.7198,
-10.8016

■ 72.3761, -7.5633,
-11.8719

■ 15.5260, -3.0026,
-10.3860

■ 84.2911, -8.3962,
-11.8894

■ 9.1177, -2.4402,
-9.9941

■ 96.7966, -9.2512,
-11.8508

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.8657,
-10.1281, -11.7597

0.0000, NaN, NaN

123.4753,

0.0000, NaN, NaN

-11.0266, -11.6193

0.0000, NaN, NaN

137.6046,
-11.9465, -11.4324

■ 40.5098, -5.1960,
-11.4422

■ 40.5098, -5.1960,
-11.4422

■ 37.9331, -5.1103,
-15.4955

■ 43.2011, -4.9382,
-7.5174

■ 35.4799, -4.6363,
-19.6802

■ 45.9946, -4.3767,
-3.7182

■ 33.1629, -3.7301,
-23.9889

■ 48.8819, -3.5487,
-0.0354

■ 30.9941, -2.3520,
-28.4053

■ 51.8550, -2.4865,
3.5406

■ 28.9840, -0.4749,
-32.9025

■ 54.9067, -1.2182,
7.0199

■ 27.1233, 1.8474,
-37.4904

■ 58.0307, 0.2320,
10.4127

■ 26.7326, 2.3632,
-38.5148

■ 61.2217, 1.8434,
13.7285

■ 64.4748, 3.5982,
16.9761

■ 67.7857, 5.4811,
20.1636

Harmonies

Analogous

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



40.5106, -10.6497, -7.5492



40.5098, -5.1960, -11.4422



40.5106, 1.4265, -11.2895

Triad

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



40.5106, -5.1963, -11.4414



40.5106, 10.8509, 5.4210



40.5106, -10.9516, 9.7614

Complementary

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



40.5098, -5.1960, -11.4422



41.9913, 3.9673, 13.2123

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.



40.5106, -5.6331, 12.2268



40.5098, -5.1960, -11.4422



40.5106, 7.0839, 10.0105

Square

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



40.5106, -5.1963, -11.4414



40.5106, 10.9866, -0.8339



40.5106, 0.9608, 12.3100



40.5106, -13.8248, 5.0255

Rectangle

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



40.5098, -5.1960, -11.4422



40.5106, 5.6266, -8.8950



40.5106, 0.9608, 12.3100



40.5106, -9.4064, 10.8471

Sweetspot

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



40.5106, -5.1963, -11.4414



63.5976, -5.1199, -1.6813



46.8264, -20.3073, 9.5112



30.3115, -2.5217, -1.0820



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.



40.5106, -5.1963, -11.4414



51.0078, -6.8452, -19.5346



33.4269, 7.1383, -23.2858



23.0565, -1.7439, -0.2386



25.2774, 2.0859, -36.0974



2.6787, -0.8075, -1.6050

Inverse Universe

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



36.9503, 19.2783, -3.4076



45.6966, 31.8682, -5.6008



49.2492, -8.1476, 19.3489



22.5641, 1.1731, 0.4894



23.3007, 41.9424, -0.7518



1.9755, 3.6927, -1.1232

Previews

White Background



This preview shows how the HunterLab color 40.5098, -5.1960, -11.4422 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 40.5098, -5.1960, -11.4422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

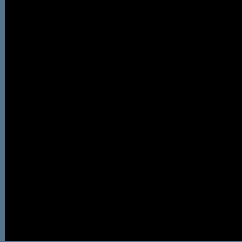
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

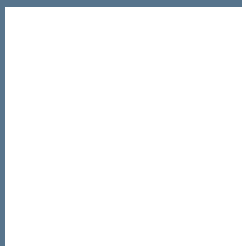
Any Text WCAG AAA × Fail

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

HunterLab 40.5098, -5.1960, -11.4422 Background



This preview shows how black text looks on a background with the HunterLab color 40.5098, -5.1960, -11.4422.



This preview shows how white text looks on a background with the HunterLab color 40.5098, -5.1960, -11.4422.

-11.4422.

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

40.5098, -5.1960, -11.4422

Protanopia

40.3743, 1.2468, -9.8548

Deuteranopia

40.3275, 2.7610, -12.1503



Tritanopia

40.4972, -9.0259, -5.1029

Trichromacy



Original Color

40.5098, -5.1960, -11.4422

Protanomaly

40.4408, -1.2614, -10.3546

Deuteranomaly

40.2750, -0.2007, -12.2829

Tritanomaly

40.3978, -7.6324, -7.2793

Monochromacy



Original Color

40.5098, -5.1960, -11.4422

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.7412, -3.4094, -2.5587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5098, -5.1960, -11.4422 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(87, 116, 140)` looks like.

```
.text, #text, p{  
    color:rgb(87, 116, 140)  
}
```

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(87, 116, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 116, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5098, -5.1960, -11.4422 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(87, 116, 140) }
```


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

```
.border{ border-color:rgb(87, 116, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 116, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 116, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 116, 140);  
box-shadow:4px 4px 4px 4px rgb(87, 116,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5098, -5.1960, -11.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 116, 140) }
```

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

```
.background{ background-color: rgb(87, 116,  
140) }
```

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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