

Converting Colors

HunterLab(47.6756, -11.2510,
-20.4822)

Have a look what the booklet for
HunterLab(47.6756, -11.2510,
-20.4822) contains.

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Color

**HunterLab(47.7351,
-11.2660, -20.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	458BAE
RGB	69, 139, 174
RGB Percent	27%, 55%, 68%
CMY	0.7294, 0.4549, 0.3176
CMYK	0.60, 0.20, 0.00, 0.32
HSL	200°, 43%, 48%
HSV	200°, 60%, 68%
XYZ	19.3268, 22.7864, 43.4239
YIQ	122.0600, -52.9550, -3.9550

Conversions

Conversions Part 2

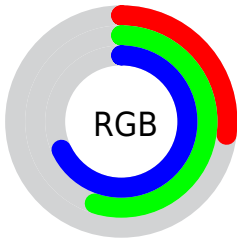
Format	Color
R _Y B	69, 111, 174
Decimal	4557742
CIE Lab	54.85, -11.37, -25.06
CIE LCh	55, 27.517, 245.584
Yxy	22.7872, 0.2259, 0.2664
Android (android.graphics.Color)	4282747822 (0xFF458BAE)
YUV	122.0600, 25.6064, -46.5336
Hunter-Lab	47.7351, -11.2660, -20.5207

Details

The HunterLab color $47.7351, -11.2660, -20.5207$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $43.9659, 18.3911, 19.8197$, and the grayscale version is $44.0582, -2.3508, 2.3938$.

A 20% lighter version of the original color is $69.1723, -13.3493, -21.7777$, and $29.1980, -8.1584, -18.8833$ is the 20% darker color. If you saturate the color by 10%, you get $45.3939, -10.8169, -24.5213$, and if you desaturate by 10%, it is $50.2435, -11.1509, -16.4904$.

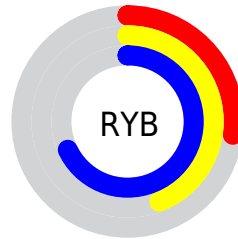
Distribution



Red (27%)

Green (55%)

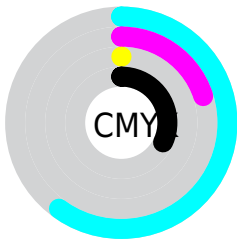
Blue (68%)



Red (27%)

Yellow (44%)

Blue (68%)

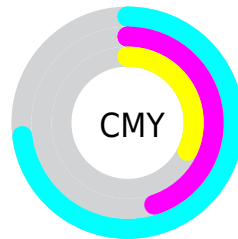


Cyan (60%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (73%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7351, -11.2660, -20.5207 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 47.7351, -11.2660, -20.5207 by changing the saturation by 10% instead.

47.7351, -11.2660,
-20.5207

47.7351, -11.2660,
-20.5207

163.2882,
-22.1336, -22.3428

37.9954, -10.0573,
-20.0366

69.3136, -13.6544,
-21.3180

29.0256, -8.8257,
-19.5135

81.0668, -14.8461,
-21.6279

20.8997, -7.5533,
-18.9911

93.4181, -16.0412,
-21.8795

13.7167, -6.2078,
-18.5863

106.3399,
-17.2420, -22.0749

7.3294, -7.1539,
-19.8709

119.8081,
-18.4504, -22.2166

0.0000, NaN, -NF

0.0000, NaN, NaN

133.8011,

-19.6678, -22.3069

0.0000, NaN, NaN

148.3002,
-20.8953, -22.3483

0.0000, NaN, NaN

■ 47.7351, -11.2660,
-20.5207

■ 47.7351, -11.2660,
-20.5207

■ 45.3939, -10.8169,
-24.5213

■ 50.2435, -11.1509,
-16.4904

■ 43.2231, -9.7797,
-28.4677

■ 52.9082, -10.5087,
-12.4572

■ 41.2248, -8.1539,
-32.3331

■ 55.7207, -9.3832,
-8.4394

■ 39.4294, -6.1410,
-36.0266

■ 58.6712, -7.8200,
-4.4511

■ 61.7500, -5.8636,
-0.5021

■ 64.9480, -3.5561,
3.4021

■ 68.2565, -0.9355,
7.2586

■ 71.6676, 1.9637,
11.0669

■ 75.1739, 5.1112,
14.8278

Harmonies

Analogous

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



47.7360, -19.0808, -11.1775



47.7351, -11.2660, -20.5207



47.7360, -0.4007, -23.1218

Triad

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



47.7360, -11.2660, -20.5198



47.7360, 21.2507, 4.5807



47.7360, -14.6322, 16.6216

Complementary

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



47.7351, -11.2660, -20.5207



43.9659, 18.3911, 19.8197

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.



47.7360, -4.6612, 19.0254



47.7351, -11.2660, -20.5207



47.7360, 16.5907, 13.1975

Square

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



47.7360, -11.2660, -20.5198



47.7360, 19.0647, -6.8363



47.7360, 6.8408, 17.9376



47.7360, -20.8930, 10.4300

Rectangle

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



47.7351, -11.2660, -20.5207



47.7360, 7.2767, -20.2596



47.7360, 6.8408, 17.9376



47.7360, -11.6403, 17.8239

Sweetspot

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



47.7360, -11.2660, -20.5198



79.8442, -10.0398, -4.9142



57.0415, -36.9560, 20.8877



37.0921, -5.0589, -3.0386



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



47.7360, -11.2660, -20.5198



60.2551, -14.2414, -34.5939



33.2534, 14.0738, -50.6620



29.3520, -2.6664, -0.0443



33.7468, -5.4896, -30.3301



6.4175, -2.0728, -3.5467

Inverse Universe

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



38.8842, 43.2485, -12.5283



47.8912, 68.8693, -17.9041



57.7703, -6.8496, 29.6987



28.4640, 1.7479, 0.1801



27.2997, 50.1431, -8.6504



4.6575, 8.7350, -2.8741

Previews

White Background



This preview shows how the HunterLab color 47.7351, -11.2660, -20.5207 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 47.7351, -11.2660, -20.5207 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

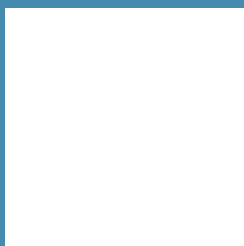
Any Text WCAG AAA × Fail

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

HunterLab 47.7351, -11.2660, -20.5207 Background



This preview shows how black text looks on a background with the HunterLab color 47.7351, -11.2660, -20.5207.



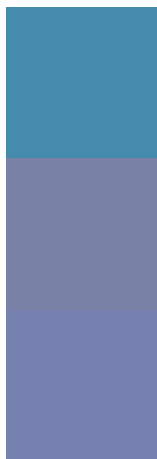
This preview shows how white text looks on a background with the HunterLab color 47.7351,

-11.2660, -20.5207.

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

47.7351, -11.2660, -20.5207

Protanopia

47.4926, 2.2447, -16.3367

Deuteranopia

47.6305, 3.4333, -21.7191



Tritanopia

47.8943, -18.5238, -8.6579

Trichromacy



Original Color

47.7351, -11.2660, -20.5207

Protanomaly

47.4364, -3.5303, -18.3651

Deuteranomaly

47.5179, -2.8394, -21.3745

Tritanomaly

47.9333, -16.2719, -12.4556

Monochromacy



Original Color

47.7351, -11.2660, -20.5207

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.9944, -6.8538, -5.6002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7351, -11.2660, -20.5207 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(69, 139, 174)` looks like.

```
.text, #text, p{  
    color:rgb(69, 139, 174)  
}
```

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(69, 139, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 139, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7351, -11.2660, -20.5207 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(69, 139, 174) }
```


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

```
.border{ border-color:rgb(69, 139, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 139, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 139, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 139, 174);  
box-shadow:4px 4px 4px 4px rgb(69, 139,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7351, -11.2660, -20.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 139, 174) }
```

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

```
.background{ background-color: rgb(69, 139,  
174) }
```

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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