

Converting Colors

HunterLab(49.2907, -10.9571,
-18.6042)

Have a look what the booklet for
HunterLab(49.2907, -10.9571,
-18.6042) contains.

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Color

**HunterLab(49.4424,
-11.1832, -18.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	508FAF
RGB	80, 143, 175
RGB Percent	31%, 56%, 69%
CMY	0.6863, 0.4392, 0.3137
CMYK	0.54, 0.18, 0.00, 0.31
HSL	200°, 37%, 50%
HSV	200°, 54%, 69%
XYZ	20.8686, 24.4455, 44.1760
YIQ	127.8110, -47.8200, -3.4040

Conversions

Conversions Part 2

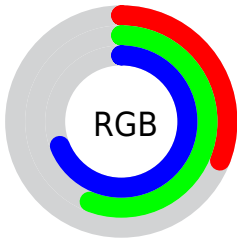
Format	Color
R _Y B	80, 118, 175
Decimal	5279663
CIE _{Lab}	56.53, -10.99, -23.01
CIE _{LCh}	57, 25.498, 244.456
Y _{xy}	24.4464, 0.2332, 0.2732
Android (android.graphics.Color)	4283469743 (0xFF508FAF)
YUV	127.8110, 23.2642, -41.9302
Hunter-Lab	49.4424, -11.1832, -18.3650

Details

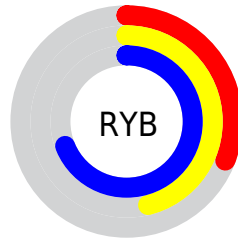
The HunterLab color $49.4424, -11.1832, -18.3650$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $46.1328, 15.6976, 18.9466$, and the grayscale version is $46.3127, -2.4711, 2.5163$.

A 20% lighter version of the original color is $71.3696, -13.4910, -19.0640$, and $30.5277, -9.0250, -17.1069$ is the 20% darker color. If you saturate the color by 10%, you get $46.9655, -11.0515, -22.4545$, and if you desaturate by 10%, it is $52.0833, -10.7682, -14.2649$.

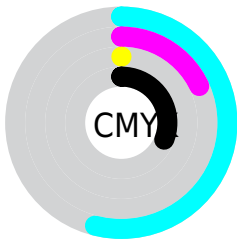
Distribution



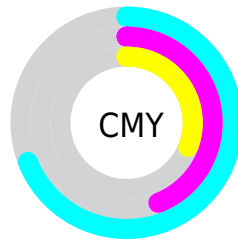
- Red (31%)
- Green (56%)
- Blue (69%)



- Red (31%)
- Yellow (46%)
- Blue (69%)



- Cyan (54%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4424, -11.1832, -18.3650 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 49.4424, -11.1832, -18.3650 by changing the saturation by 10% instead.

■ 49.4424, -11.1832,
-18.3650

■ 49.4424, -11.1832,
-18.3650

165.8523,
-21.8995, -19.5664

■ 39.5792, -10.0007,
-17.9407

■ 71.2444, -13.5282,
-19.0261

■ 30.4754, -8.7996,
-17.4633

■ 83.1002, -14.7012,
-19.2651

■ 22.2017, -7.5645,
-16.9557

■ 95.5492, -15.8789,
-19.4458

■ 14.8518, -6.2677,
-16.4898

■ 108.5644,
-17.0636, -19.5708

■ 8.5037, -6.0881,
-16.5042

■ 122.1221,
-18.2569, -19.6428

0.0000, NaN, -NF

0.0000, NaN, NaN

136.2014,

-19.4601, -19.6645

0.0000, NaN, NaN

150.7837,
-20.6741, -19.6383

0.0000, NaN, NaN

■ 49.4424, -11.1832,
-18.3650

■ 49.4424, -11.1832,
-18.3650

■ 46.9655, -11.0515,
-22.4545

■ 52.0833, -10.7682,
-14.2649

■ 44.6575, -10.3392,
-26.5103

■ 54.8760, -9.8487,
-10.1783

■ 42.5241, -9.0295,
-30.5036

■ 57.8116, -8.4709,
-6.1202

■ 40.5639, -7.1341,
-34.4108

■ 60.8801, -6.6806,
-2.1015

■ 39.4946, -5.8887,
-36.6529

■ 64.0721, -4.5213,
1.8709

■ 67.3785, -2.0331,
5.7936

■ 70.7910, 0.7479,
9.6655

■ 74.3021, 3.7895,
13.4874

■ 77.9047, 7.0636,
17.2613

Harmonies

Analogous

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



49.4433, -18.4518, -9.6784



49.4424, -11.1832, -18.3650



49.4433, -1.0359, -20.9989

Triad

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



49.4433, -11.1833, -18.3641



49.4433, 19.5305, 4.1845



49.4433, -13.7255, 16.2353

Complementary

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



49.4424, -11.1832, -18.3650



46.1328, 15.6976, 18.9466

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.



49.4433, -4.2255, 18.4679



49.4424, -11.1832, -18.3650



49.4433, 15.4463, 12.5125

Square

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



49.4433, -11.1833, -18.3641



49.4433, 17.2736, -6.4893



49.4433, 6.5241, 17.2653



49.4433, -19.8299, 10.3917

Rectangle

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



49.4424, -11.1832, -18.3650



49.4433, 6.1465, -18.5838



49.4433, 6.5241, 17.2653



49.4433, -10.8543, 17.3693

Sweetspot

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



49.4433, -11.1833, -18.3641



80.6415, -9.4591, -3.8795



57.9038, -34.9146, 19.4711



37.6254, -4.6966, -2.3378



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.



49.4433, -11.1833, -18.3641



62.2666, -14.6739, -31.0531



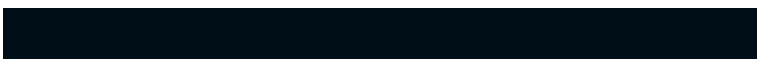
36.2449, 11.5010, -43.8100



29.3440, -2.6534, -0.0539



33.5965, -5.2558, -30.6468



6.3996, -2.0478, -3.5782

Inverse Universe

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



41.0308, 39.1592, -11.5836



50.1618, 63.2812, -17.3077



58.7771, -7.0318, 28.4385



28.4632, 1.7434, 0.1920



27.2809, 50.0759, -8.3902



4.6550, 8.7262, -2.8402

Previews

White Background



This preview shows how the HunterLab color 49.4424, -11.1832, -18.3650 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 49.4424, -11.1832, -18.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

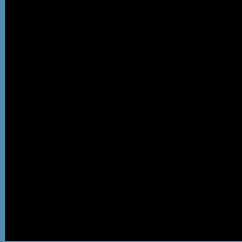
Any Text WCAG AA ✓ Pass

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 49.4424, -11.1832, -18.3650 Background



This preview shows how black text looks on a background with the HunterLab color 49.4424, -11.1832, -18.3650.



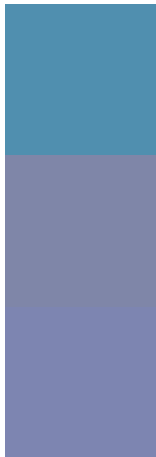
This preview shows how white text looks on a background with the HunterLab color 49.4424, -11.1832, -18.3650.

-11.1832, -18.3650.

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

49.4424, -11.1832, -18.3650

Protanopia

49.3856, 1.5695, -14.0168

Deuteranopia

49.3045, 3.4324, -19.5778



Tritanopia

49.4795, -17.0555, -8.5710

Trichromacy



Original Color

49.4424, -11.1832, -18.3650

Protanomaly

49.1392, -3.4377, -16.2678

Deuteranomaly

49.2718, -2.5805, -19.1098

Tritanomaly

49.4648, -15.0882, -11.8825

Monochromacy



Original Color

49.4424, -11.1832, -18.3650

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.1157, -6.4773, -4.7908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4424, -11.1832, -18.3650 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(80, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(80, 143, 175)  
}
```

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(80, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 143, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4424, -11.1832, -18.3650 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(80, 143, 175) }
```


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

```
.border{ border-color:rgb(80, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(80, 143,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4424, -11.1832, -18.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 143, 175) }
```

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

```
.background{ background-color: rgb(80, 143,  
175) }
```

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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