

Converting Colors

HunterLab(48.2609, 7.0978,
-22.0117)

Have a look what the booklet for
HunterLab(48.2609, 7.0978,
-22.0117) contains.

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Color

**HunterLab(48.2098, 6.9274,
-21.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	8080B2
RGB	128, 128, 178
RGB Percent	50%, 50%, 70%
CMY	0.4980, 0.4980, 0.3020
CMYK	0.28, 0.28, 0.00, 0.30
HSL	240°, 25%, 60%
HSV	240°, 28%, 70%
XYZ	24.6571, 23.2418, 45.3060
YIQ	133.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

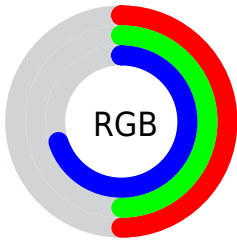
Format	Color
RYB	128, 128, 178
Decimal	8421554
CIELab	55.32, 11.47, -26.34
CIELCh	55, 28.734, 293.529
Yxy	23.2428, 0.2645, 0.2494
Android (android.graphics.Color)	4286611634 (0xFF8080B2)
YUV	133.7000, 21.8399, -4.9989
Hunter-Lab	48.2098, 6.9274, -21.9719

Details

The HunterLab color $48.2098, 6.9274, -21.9719$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $65.4710, -10.4882, 21.6645$, and the grayscale version is $48.6290, -2.5947, 2.6421$.

A 20% lighter version of the original color is $69.9524, 6.8710, -22.7524$, and $29.4116, 6.5389, -20.8743$ is the 20% darker color. If you saturate the color by 10%, you get $42.1165, 11.4397, -33.1424$, and if you desaturate by 10%, it is $54.5932, 2.8889, -12.0528$.

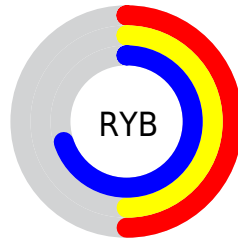
Distribution



Red (50%)

Green (50%)

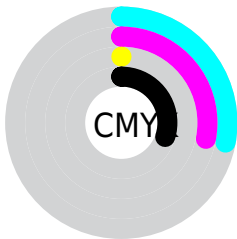
Blue (70%)



Red (50%)

Yellow (50%)

Blue (70%)

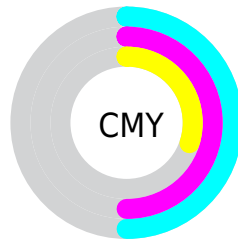


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (50%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2098, 6.9274, -21.9719 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 48.2098, 6.9274, -21.9719 by changing the saturation by 10% instead.

■ 48.2098, 6.9274,
-21.9719

■ 48.2098, 6.9274,
-21.9719

164.0029, 5.2390,
-24.0967

■ 38.4355, 6.8107,
-21.4617

■ 69.8510, 6.9345,
-22.8314

■ 29.4281, 6.6047,
-20.9201

■ 81.6330, 6.8420,
-23.1750

■ 21.2607, 6.2921,
-20.3928

■ 94.0117, 6.6932,
-23.4609

■ 14.0306, 5.8483,
-20.0108

106.9596, 6.4926,
-23.6911

■ 7.6754, 6.1022,
-21.0486

120.4528, 6.2439,
-23.8675

0.0000, NaN, -NF

134.4700, 5.9504,

0.0000, NaN, -NF

-23.9924

0.0000, NaN, NaN

148.9924, 5.6146,
-24.0682

0.0000, NaN, NaN

■ 48.2098, 6.9274,
-21.9719

■ 48.2098, 6.9274,
-21.9719

■ 42.1165, 11.4397,
-33.1424

■ 54.5932, 2.8889,
-12.0528

■ 36.3795, 16.5685,
-45.9383

■ 61.2156, -0.7886,
-3.0879

■ 31.1009, 22.4569,
-60.7388

■ 68.0430, -4.1930,
5.1528

■ 26.4296, 29.1572,
-77.6920

■ 75.0495, -7.3896,
12.8406

■ 22.5765, 36.3799,
-96.0659

■ 82.2152, -10.4271,
20.1031

■ 19.7986, 43.0813,
-113.1804

■ 89.5245, -13.3419,
27.0361

■ 18.1940, 47.7809,
-125.2114

■ 96.9650, -16.1616,
33.7120

■ 17.9288, 48.6312,
-127.3903

■ 97.9767, -16.5356,
34.5948

Harmonies

Analogous

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



48.2108, -5.1326, -24.4769



48.2098, 6.9274, -21.9719



48.2108, 17.2893, -12.2291

Triad

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



48.2108, 6.9268, -21.9708



48.2108, 11.8294, 17.0786



48.2108, -23.3129, 5.0189

Complementary

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



48.2098, 6.9274, -21.9719



65.4710, -10.4882, 21.6645

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.



48.2108, -19.6668, 13.8750



48.2098, 6.9274, -21.9719



48.2108, 0.0371, 19.6589

Square

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



48.2108, 6.9268, -21.9708



48.2108, 20.3066, 10.5468



48.2108, -11.3935, 18.6482



48.2108, -21.8526, -6.9233

Rectangle

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



48.2098, 6.9274, -21.9719



48.2108, 21.4490, -3.9805



48.2108, -11.3935, 18.6482



48.2108, -22.6564, 8.4094

Sweetspot

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



48.2108, 6.9268, -21.9708



82.3902, -1.0384, -4.2155



62.9376, -17.1849, -0.7857



38.1431, -0.1518, -2.8031



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



48.2108, 6.9268, -21.9708



59.5391, 13.1938, -39.1430



50.3438, 13.7847, -18.3417



28.6883, -0.1668, -1.9720



15.1655, 41.1360, -107.7563



2.6901, 7.2965, -19.1135

Inverse Universe

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



51.4418, 13.9924, 8.4043



65.0398, 24.7041, 12.9763



63.4456, -17.8715, 19.6968



29.1638, 0.9663, 2.4299



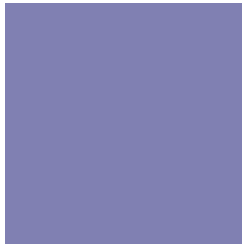
26.0237, 44.5663, 16.8158



4.6161, 7.9053, 2.9828

Previews

White Background



This preview shows how the HunterLab color 48.2098, 6.9274, -21.9719 looks on a white background.

Color Contrast Check

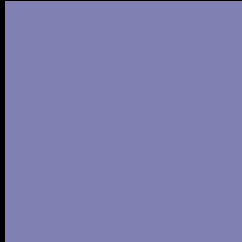
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.2098, 6.9274, -21.9719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

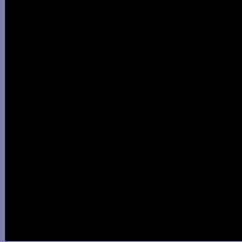
Any Text WCAG AA ✓ Pass

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 48.2098, 6.9274, -21.9719 Background



This preview shows how black text looks on a background with the HunterLab color 48.2098, 6.9274, -21.9719.



This preview shows how white text looks on a background with the HunterLab color 48.2098, 6.9274, -21.9719.

-21.9719.

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

48.2098, 6.9274, -21.9719

Protanopia

48.3523, 3.3399, -23.0948

Deuteranopia

48.0964, 3.6560, -21.5747



Tritanopia

48.1243, -4.3927, -3.4263

Trichromacy



Original Color

48.2098, 6.9274, -21.9719

Protanomaly

48.3296, 4.6013, -22.4586

Deuteranomaly

48.0477, 4.9088, -21.6348

Tritanomaly

48.1891, -0.4347, -9.5601

Monochromacy



Original Color

48.2098, 6.9274, -21.9719

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.5902, 0.4587, -5.2589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2098, 6.9274, -21.9719 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(128, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(128, 128, 178)  
}
```

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(128, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 128, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2098, 6.9274, -21.9719 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(128, 128, 178) }
```


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

```
.border{ border-color:rgb(128, 128, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 128, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 128, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 128, 178);  
box-shadow:4px 4px 4px 4px rgb(128, 128,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2098, 6.9274, -21.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 128, 178) }
```

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

```
.background{ background-color: rgb(128,  
128, 178) }
```

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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