

Converting Colors

HunterLab(47.1772, 2.1212,
-19.1876)

Have a look what the booklet for
HunterLab(47.1772, 2.1212,
-19.1876) contains.

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Color

**HunterLab(47.2798, 1.8421,
-19.1493)**

Conversions

Conversions Part 1	
Format	Color
Hex	7481AB
RGB	116, 129, 171
RGB Percent	45%, 51%, 67%
CMY	0.5451, 0.4941, 0.3294
CMYK	0.32, 0.25, 0.00, 0.33
HSL	226°, 25%, 56%
HSV	226°, 32%, 67%
XYZ	22.4034, 22.3538, 41.6620
YIQ	129.9010, -21.2300, 10.3060

Conversions

Conversions Part 2

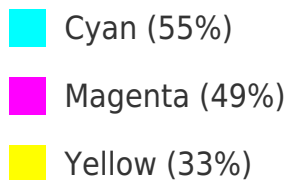
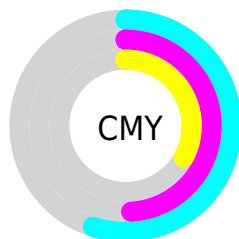
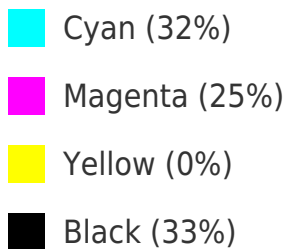
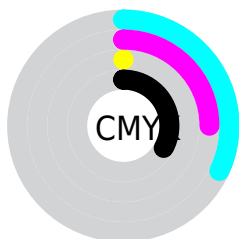
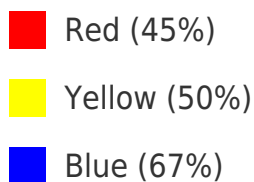
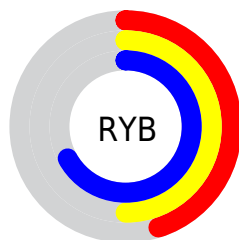
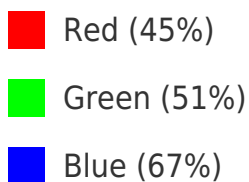
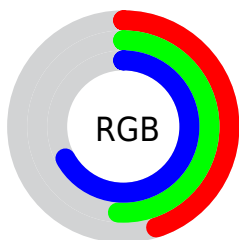
Format	Color
RYB	116, 127, 171
Decimal	7635371
CIELab	54.40, 5.41, -23.82
CIELCh	54, 24.422, 282.797
Yxy	22.3547, 0.2592, 0.2587
Android (android.graphics.Color)	4285825451 (0xFF7481AB)
YUV	129.9010, 20.2618, -12.1912
Hunter-Lab	47.2798, 1.8421, -19.1493

Details

The HunterLab color $47.2798, 1.8421, -19.1493$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $58.6285, -4.6422, 19.3351$, and the grayscale version is $47.1377, -2.5152, 2.5611$.

A 20% lighter version of the original color is $68.8345, 0.9459, -19.5427$, and $28.6836, 2.3588, -18.3595$ is the 20% darker color. If you saturate the color by 10%, you get $42.5035, 4.2562, -27.4802$, and if you desaturate by 10%, it is $52.2487, -0.1439, -11.5279$.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2798, 1.8421, -19.1493 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 47.2798, 1.8421, -19.1493 by changing the saturation by 10% instead.

47.2798, 1.8421,
-19.1493

47.2798, 1.8421,
-19.1493

162.6016, -2.1584,
-20.6704

37.5736, 2.0500,
-18.6920

68.7979, 1.2546,
-19.8833

28.6402, 2.1913,
-18.1894

80.5234, 0.8866,
-20.1595

20.5545, 2.2540,
-17.6750

92.8484, 0.4744,
-20.3769

13.4169, 2.2205,
-17.2527

105.7450, 0.0210,
-20.5381

6.9803, 3.0042,
-18.8449

119.1889, -0.4710,
-20.6455

0.0000, NaN, -NF

0.0000, NaN, NaN

133.1588, -0.9995,

-20.7018

0.0000, NaN, NaN

147.6354, -1.5625,
-20.7093

0.0000, NaN, NaN

■ 47.2798, 1.8421,
-19.1493

■ 47.2798, 1.8421,
-19.1493

■ 42.5035, 4.2562,
-27.4802

■ 52.2487, -0.1439,
-11.5279

■ 37.9515, 7.2029,
-36.6797

■ 57.3810, -1.7835,
-4.4836

■ 33.6710, 10.8024,
-46.9063

■ 62.6573, -3.1427,
2.0963

■ 29.7232, 15.1778,
-58.2732

■ 68.0616, -4.2730,
8.3014

■ 26.1884, 20.4091,
-70.7331

■ 73.5811, -5.2145,
14.2037

■ 23.1657, 26.4312,
-83.8721

■ 79.2053, -5.9990,
19.8600

■ 21.1810, 31.3954,
-94.2480

■ 84.9258, -6.6515,
25.3162

■ 90.7352, -7.1923,
30.6087

■ 95.0957, -13.0497,
34.3475

Harmonies

Analogous

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



47.2807, -8.1181, -18.6256



47.2798, 1.8421, -19.1493



47.2807, 11.3659, -13.0392

Triad

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



47.2807, 1.8416, -19.1483



47.2807, 12.5417, 13.4578



47.2807, -19.6406, 7.7047

Complementary

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



47.2798, 1.8421, -19.1493



58.6285, -4.6422, 19.3351

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.



47.2807, -14.9775, 14.1948



47.2798, 1.8421, -19.1493



47.2807, 3.3401, 17.0074

Square

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



47.2807, 1.8416, -19.1483



47.2807, 17.8823, 6.4754



47.2807, -6.7393, 17.2454



47.2807, -19.9684, -1.6919

Rectangle

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



47.2798, 1.8421, -19.1493



47.2807, 15.9626, -6.6471



47.2807, -6.7393, 17.2454



47.2807, -18.5473, 10.2450

Sweetspot

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



47.2807, 1.8416, -19.1483



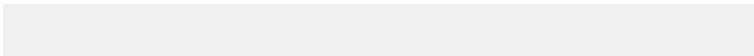
78.1782, -2.7754, -4.2063



59.3988, -20.1861, 4.2957



36.4676, -1.1852, -2.5673



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.2807, 1.8416, -19.1483



58.4356, 4.8363, -33.9184



44.8976, 11.9340, -23.0046



28.3781, -1.0590, -1.2369



18.5794, 26.6585, -80.7706



4.2358, 1.5647, -8.6721

Inverse Universe

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



47.6806, 17.6491, 3.8627



59.4294, 30.4689, 5.8723



61.3030, -15.0666, 21.5296



28.3641, 1.2112, 1.6026



25.7905, 44.6506, 12.9168



4.3984, 7.8026, 0.7470

Previews

White Background



This preview shows how the HunterLab color 47.2798, 1.8421, -19.1493 looks on a white background.

Color Contrast Check

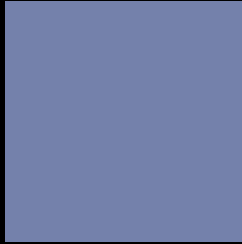
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2798, 1.8421, -19.1493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

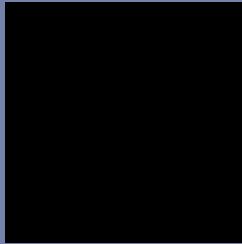
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

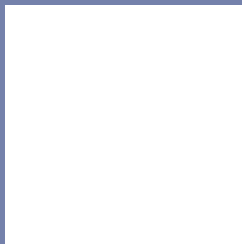
Any Text WCAG AAA × Fail

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

HunterLab 47.2798, 1.8421, -19.1493 Background



This preview shows how black text looks on a background with the HunterLab color 47.2798, 1.8421, -19.1493.



This preview shows how white text looks on a background with the HunterLab color 47.2798, 1.8421, -19.1493.

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

47.2798, 1.8421, -19.1493

Protanopia

47.1489, 2.8272, -19.3469

Deuteranopia

47.2987, 3.3307, -19.0922



Tritanopia

47.3387, -7.1786, -4.5069

Trichromacy



Original Color
47.2798, 1.8421, -19.1493

Protanomaly
47.0750, 2.5783, -19.4728

Deuteranomaly
47.2235, 3.0780, -19.2200

Tritanomaly
47.2021, -4.0743, -9.3866

Monochromacy



Original Color
47.2798, 1.8421, -19.1493

Achromatopsia
47.2470, -2.5210, 2.5670

Achromatomaly
47.2965, -1.4343, -4.4623

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2798, 1.8421, -19.1493 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, 129, 171)` looks like.

```
.text, #text, p{  
    color:rgb(116, 129, 171)  
}
```

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, 129, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 129, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2798, 1.8421, -19.1493 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, 129, 171) }
```


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

```
.border{ border-color:rgb(116, 129, 171) }
```

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

Here you see how a box with a 4 pixel rgb(116, 129, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 129, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 129, 171);  
box-shadow:4px 4px 4px 4px rgb(116, 129,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2798, 1.8421, -19.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 129, 171) }
```

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

```
.background{ background-color: rgb(116,  
129, 171) }
```

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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