

Converting Colors

HunterLab(49.0655, -9.5369,
-17.8520)

Have a look what the booklet for
HunterLab(49.0655, -9.5369,
-17.8520) contains.

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Color

**HunterLab(49.0847, -9.5370,
-17.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	578DAD
RGB	87, 141, 173
RGB Percent	34%, 55%, 68%
CMY	0.6588, 0.4471, 0.3216
CMYK	0.50, 0.18, 0.00, 0.32
HSL	202°, 34%, 51%
HSV	202°, 50%, 68%
XYZ	20.9981, 24.0931, 43.0788
YIQ	128.5020, -42.4560, -1.4960

Conversions

Conversions Part 2

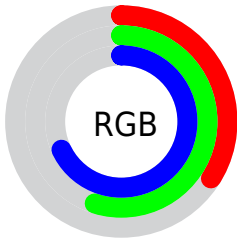
Format	Color
R_{YB}	87, 120, 173
Decimal	5737901
CIE _{Lab}	56.18, -8.86, -22.37
CIE _{LCh}	56, 24.065, 248.392
Yxy	24.0940, 0.2382, 0.2733
Android (android.graphics.Color)	4283927981 (0xFF578DAD)
YUV	128.5020, 21.9375, -36.3973
Hunter-Lab	49.0847, -9.5370, -17.6761

Details

The HunterLab color $49.0847, -9.5370, -17.6761$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $47.7145, 12.0872, 18.4077$, and the grayscale version is $46.5874, -2.4858, 2.5312$.

A 20% lighter version of the original color is $71.0198, -11.6517, -18.3274$, and $30.2057, -7.3631, -17.0230$ is the 20% darker color. If you saturate the color by 10%, you get $46.3843, -9.3992, -22.1184$, and if you desaturate by 10%, it is $51.9450, -9.1557, -13.2779$.

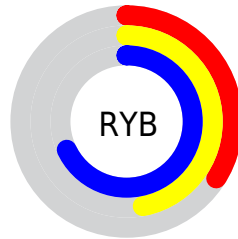
Distribution



Red (34%)

Green (55%)

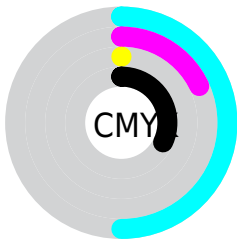
Blue (68%)



Red (34%)

Yellow (47%)

Blue (68%)

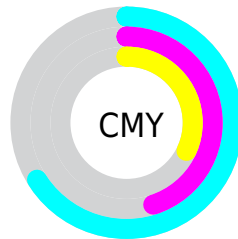


Cyan (50%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (66%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0847, -9.5370, -17.6761 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 49.0847, -9.5370, -17.6761 by changing the saturation by 10% instead.

■ 49.0847, -9.5370,
-17.6761

■ 49.0847, -9.5370,
-17.6761

165.3164,
-19.3619, -18.7235

■ 39.2471, -8.4852,
-17.2668

■ 70.8403, -11.6475,
-18.3039

■ 30.1711, -7.4268,
-16.8020

■ 82.6748, -12.7134,
-18.5256

■ 21.9281, -6.3503,
-16.3025

■ 95.1035, -13.7895,
-18.6888

■ 14.6126, -5.2350,
-15.8361

■ 108.0992,
-14.8772, -18.7963

■ 8.2726, -5.1098,
-15.9369

121.6383,
-15.9777, -18.8510

0.0000, NaN, -NF

0.0000, NaN, NaN

135.6997,

-17.0917, -18.8555

0.0000, NaN, NaN

150.2647,
-18.2196, -18.8122

0.0000, NaN, NaN

■ 49.0847, -9.5370,
-17.6761

■ 49.0847, -9.5370,
-17.6761

■ 46.3843, -9.3992,
-22.1184

■ 51.9450, -9.1557,
-13.2779

■ 43.8517, -8.6981,
-26.5854

■ 54.9512, -8.3030,
-8.9418

■ 41.4964, -7.4018,
-31.0480

■ 58.0934, -7.0273,
-4.6761

■ 39.3233, -5.5001,
-35.4754

■ 61.3610, -5.3746,
-0.4849

■ 37.3076, -3.0974,
-39.8962

■ 64.7443, -3.3871,
3.6310

■ 37.2498, -3.0254,
-40.0280

■ 68.2346, -1.1023,
7.6735

■ 71.8236, 1.4462,
11.6463

■ 75.5042, 4.2293,
15.5539

■ 79.2698, 7.2216,
19.4014

Harmonies

Analogous

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



49.0856, -16.8678, -10.1700



49.0847, -9.5370, -17.6761



49.0856, 0.2303, -19.2143

Triad

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



49.0856, -9.5372, -17.6752



49.0856, 17.9954, 5.2796



49.0856, -14.0553, 15.0063

Complementary

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



49.0847, -9.5370, -17.6761



47.7145, 12.0872, 18.4077

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.



49.0856, -5.4101, 17.6004



49.0847, -9.5370, -17.6761



49.0856, 13.4608, 12.7718

Square

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



49.0856, -9.5372, -17.6752



49.0856, 16.6671, -4.5911



49.0856, 4.6991, 16.8739



49.0856, -19.3266, 8.9707

Rectangle

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



49.0847, -9.5370, -17.6761



49.0856, 6.9088, -16.4062



49.0856, 4.6991, 16.8739



49.0856, -11.4764, 16.2482

Sweetspot

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



49.0856, -9.5372, -17.6752



79.6687, -8.4797, -3.7512



57.6495, -32.2215, 17.1597



36.7274, -4.1559, -2.2823



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.



49.0856, -9.5372, -17.6752



61.6069, -12.4977, -30.3998



37.2386, 10.9782, -39.8085



29.2634, -2.5224, -0.1510



32.1024, -2.8785, -33.9114



6.2201, -1.7947, -3.9004

Inverse Universe

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



41.9815, 34.7430, -9.1128



51.2357, 57.2536, -13.9447



59.3712, -8.3148, 27.4334



28.4548, 1.6985, 0.3110



27.0987, 49.4207, -5.8484



4.6303, 8.6387, -2.5044

Previews

White Background



This preview shows how the HunterLab color 49.0847, -9.5370, -17.6761 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 49.0847, -9.5370, -17.6761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

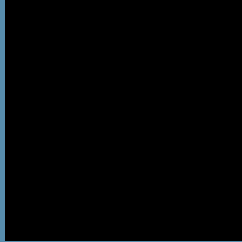
Any Text WCAG AA ✓ Pass

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 49.0847, -9.5370, -17.6761 Background



This preview shows how black text looks on a background with the HunterLab color 49.0847, -9.5370, -17.6761.



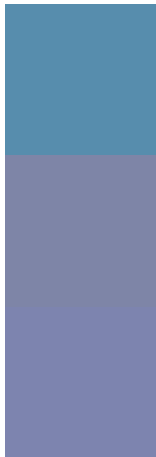
This preview shows how white text looks on a background with the HunterLab color 49.0847, -9.5370, -17.6761.

-17.6761.

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

49.0847, -9.5370, -17.6761

Protanopia

48.9905, 1.5910, -14.0296

Deuteranopia

48.9466, 3.4962, -18.9063



Tritanopia

49.0878, -15.4774, -8.0127

Trichromacy



Original Color

49.0847, -9.5370, -17.6761

Protanomaly

48.9057, -2.9235, -15.4221

Deuteranomaly

48.7478, -1.6038, -18.6944

Tritanomaly

49.0842, -13.4876, -11.2805

Monochromacy



Original Color

49.0847, -9.5370, -17.6761

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.3253, -5.7325, -4.4994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0847, -9.5370, -17.6761 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, 141, 173)` looks like.

```
.text, #text, p{  
    color:rgb(87, 141, 173)  
}
```

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, 141, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 141, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0847, -9.5370, -17.6761 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, 141, 173) }
```


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

```
.border{ border-color:rgb(87, 141, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 141, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 141, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 141, 173);  
box-shadow:4px 4px 4px 4px rgb(87, 141,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0847, -9.5370, -17.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 141, 173) }
```

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

```
.background{ background-color: rgb(87, 141,  
173) }
```

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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