

Converting Colors

HunterLab(48.9433, -5.9831,
-17.5556)

Have a look what the booklet for
HunterLab(48.9433, -5.9831,
-17.5556) contains.

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Color

**HunterLab(48.8911, -5.6513,
-17.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	648AAD
RGB	100, 138, 173
RGB Percent	39%, 54%, 68%
CMY	0.6078, 0.4588, 0.3216
CMYK	0.42, 0.20, 0.00, 0.32
HSL	209°, 31%, 54%
HSV	209°, 42%, 68%
XYZ	21.8868, 23.9034, 42.9954
YIQ	130.6280, -33.8830, 2.8290

Conversions

Conversions Part 2

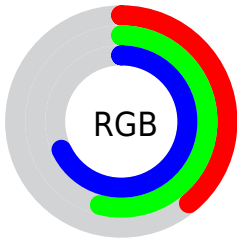
Format	Color
RYB	100, 125, 173
Decimal	6589101
CIELab	55.99, -3.84, -22.61
CIELCh	56, 22.930, 260.364
Yxy	23.9043, 0.2465, 0.2692
Android (android.graphics.Color)	4284779181 (0xFF648AAD)
YUV	130.6280, 20.8894, -26.8608
Hunter-Lab	48.8911, -5.6513, -17.9165

Details

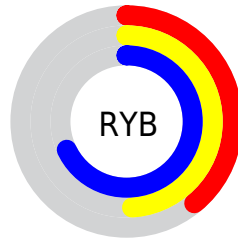
The HunterLab color $48.8911, -5.6513, -17.9165$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $52.0892, 5.4743, 18.4688$, and the grayscale version is $47.4252, -2.5305, 2.5767$.

A 20% lighter version of the original color is $70.5612, -6.8617, -18.9284$, and $29.9404, -4.0260, -17.4428$ is the 20% darker color. If you saturate the color by 10%, you get $45.5306, -5.0809, -23.5164$, and if you desaturate by 10%, it is $52.4114, -5.7433, -12.5292$.

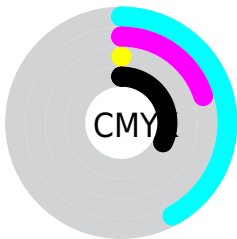
Distribution



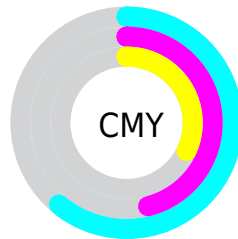
- Red (39%)
- Green (54%)
- Blue (68%)



- Red (39%)
- Yellow (49%)
- Blue (68%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (61%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8911, -5.6513, -17.9165 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 48.8911, -5.6513, -17.9165 by changing the saturation by 10% instead.

■ 48.8911, -5.6513,
-17.9165

■ 48.8911, -5.6513,
-17.9165

165.0262,
-13.4062, -19.0364

■ 39.0674, -4.9022,
-17.4996

■ 70.6215, -7.2179,
-18.5606

■ 30.0065, -4.1740,
-17.0287

■ 82.4444, -8.0353,
-18.7906

■ 21.7801, -3.4647,
-16.5258

■ 94.8621, -8.8754,
-18.9621

■ 14.4835, -2.7689,
-16.0630

■ 107.8473, -9.7380,
-19.0778

■ 8.1445, -2.4886,
-16.2648

121.3763,
-10.6227, -19.1405

0.0000, NaN, -NF

0.0000, NaN, NaN

135.4279,

-11.5292, -19.1529

0.0000, NaN, NaN

149.9835,
-12.4572, -19.1174

0.0000, NaN, NaN

■ 48.8911, -5.6513,
-17.9165

■ 48.8911, -5.6513,
-17.9165

■ 45.5306, -5.0809,
-23.5164

■ 52.4114, -5.7433,
-12.5292

■ 42.3441, -3.9680,
-29.3347

■ 56.0732, -5.4157,
-7.3463

■ 39.3508, -2.2506,
-35.3599

■ 59.8641, -4.7223,
-2.3511

■ 36.5689, 0.1226,
-41.5641

■ 63.7720, -3.7100,
2.4741

■ 34.0138, 3.1762,
-47.9002

■ 67.7866, -2.4192,
7.1474

■ 32.1543, 5.9263,
-52.9833

■ 71.8990, -0.8842,
11.6862

■ 76.1013, 0.8655,
16.1066

■ 80.3868, 2.8051,
20.4233

■ 84.6705, 4.6476,
24.5704

Harmonies

Analogous

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



48.8920, -13.7972, -12.8168



48.8911, -5.6513, -17.9165



48.8920, 3.9532, -16.7417

Triad

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



48.8920, -5.6516, -17.9155



48.8920, 15.8494, 8.3653



48.8920, -15.9817, 12.5565

Complementary

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



48.8911, -5.6513, -17.9165



52.0892, 5.4743, 18.4688

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.



48.8920, -8.8469, 16.3842



48.8911, -5.6513, -17.9165



48.8920, 9.6803, 14.3066

Square

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



48.8920, -5.6516, -17.9155



48.8920, 16.8701, -0.3583



48.8920, 0.5050, 16.9565



48.8920, -19.4515, 5.4998

Rectangle

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



48.8911, -5.6513, -17.9165



48.8920, 9.8765, -12.6309



48.8920, 0.5050, 16.9565



48.8920, -13.9594, 14.2015

Sweetspot

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



48.8920, -5.6516, -17.9155



79.5825, -6.4363, -3.8255



58.5833, -27.8480, 12.7595



36.5869, -3.1066, -2.4458



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.



48.8920, -5.6516, -17.9155



61.0650, -6.8330, -31.2392



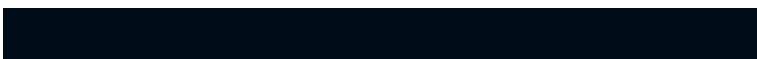
39.1349, 11.7588, -35.5763



29.0190, -2.1227, -0.4474



27.7678, 4.6862, -44.8235



5.6861, -1.0044, -4.9389

Inverse Universe

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



44.5357, 27.7893, -4.0825



54.7158, 46.6379, -6.4255



62.2633, -11.4432, 26.6844



28.4295, 1.5628, 0.6707



26.6110, 47.6562, 1.0395



4.5605, 8.3892, -1.5428

Previews

White Background



This preview shows how the HunterLab color 48.8911, -5.6513, -17.9165 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 48.8911, -5.6513, -17.9165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

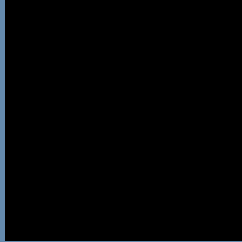
Any Text WCAG AA ✓ Pass

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 48.8911, -5.6513, -17.9165 Background



This preview shows how black text looks on a background with the HunterLab color 48.8911, -5.6513, -17.9165.

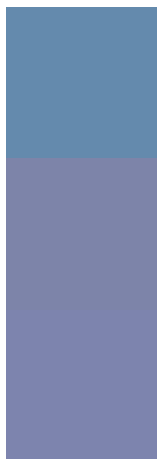


This preview shows how white text looks on a background with the HunterLab color 48.8911, -5.6513, -17.9165.

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

48.8911, -5.6513, -17.9165

Protanopia

48.7104, 2.2291, -15.6345

Deuteranopia

48.9065, 3.2819, -18.3529



Tritanopia

49.0702, -12.6030, -6.3975

Trichromacy



Original Color

48.8911, -5.6513, -17.9165

Protanomaly

48.6472, -0.8006, -16.3882

Deuteranomaly

48.8049, 0.0563, -18.5731

Tritanomaly

49.1215, -10.3793, -10.0556

Monochromacy



Original Color

48.8911, -5.6513, -17.9165

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.0818, -4.4777, -3.9839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8911, -5.6513, -17.9165 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(100, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(100, 138, 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(100, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 138, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8911, -5.6513, -17.9165 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(100, 138, 173) }
```


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

```
.border{ border-color:rgb(100, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(100, 138,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8911, -5.6513, -17.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 138, 173) }
```

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

```
.background{ background-color: rgb(100,  
138, 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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