

Converting Colors

HunterLab(48.9303, -5.9478,
-26.2434)

Have a look what the booklet for
HunterLab(48.9303, -5.9478,
-26.2434) contains.

HunterLab(48.9303, -5.9478, -26.2434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(48.9303, -5.9478,
-26.2434)

Conversions

Conversions Part 1

Format	Color
Hex	558BBA
RGB	85, 139, 186
RGB Percent	33%, 55%, 73%
CMY	0.6666, 0.4549, 0.2706
CMYK	0.54, 0.25, 0.00, 0.27
HSL	208°, 42%, 53%
HSV	208°, 54%, 73%
XYZ	21.8419, 23.9417, 49.9244
YIQ	128.2120, -47.2710, 3.1690

Conversions

Conversions Part 2

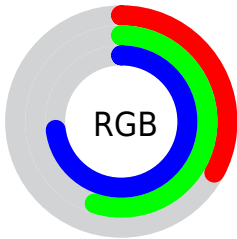
Format	Color
R _Y B	85, 120, 186
Decimal	5606330
CIE Lab	56.03, -4.21, -30.03
CIE LCh	56, 30.327, 262.014
Yxy	23.9426, 0.2282, 0.2502
Android (android.graphics.Color)	4283796410 (0xFF558BBA)
YUV	128.2120, 28.4895, -37.8969
Hunter-Lab	48.9303, -5.9478, -26.2434

Details

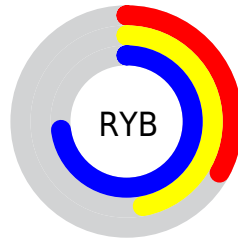
The HunterLab color $48.9303, -5.9478, -26.2434$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $52.5344, 10.4788, 22.8543$, and the grayscale version is $46.4501, -2.4785, 2.5237$.

A 20% lighter version of the original color is $70.5498, -7.4277, -27.2548$, and $29.9961, -4.2009, -25.4513$ is the 20% darker color. If you saturate the color by 10%, you get $45.5798, -4.7068, -32.4246$, and if you desaturate by 10%, it is $52.4760, -6.5815, -20.2668$.

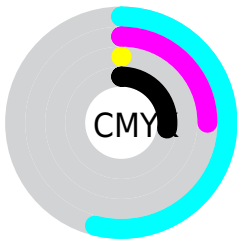
Distribution



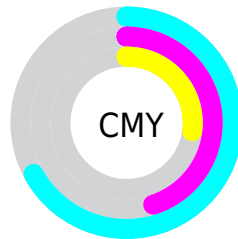
- Red (33%)
- Green (55%)
- Blue (73%)



- Red (33%)
- Yellow (47%)
- Blue (73%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9303, -5.9478, -26.2434 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 48.9303, -5.9478, -26.2434 by changing the saturation by 10% instead.

■ 48.9303, -5.9478,
-26.2434

■ 48.9303, -5.9478,
-26.2434

165.0849,
-13.8562, -29.2131

■ 39.1038, -5.1760,
-25.6694

■ 70.6658, -7.5544,
-27.2698

■ 30.0398, -4.4235,
-25.0906

■ 82.4910, -8.3902,
-27.7064

■ 21.8100, -3.6872,
-24.5761

■ 94.9109, -9.2479,
-28.0884

■ 14.5096, -2.9608,
-24.3097

■ 107.8983,
-10.1272, -28.4160

■ 8.1706, -2.6836,
-25.3572

121.4293,
-11.0279, -28.6906

0.0000, NaN, -NF

135.4829,

0.0000, NaN, -NF

-11.9499, -28.9138

0.0000, NaN, NaN

150.0404,
-12.8927, -29.0873

0.0000, NaN, NaN

■ 48.9303, -5.9478,
-26.2434

■ 48.9303, -5.9478,
-26.2434

■ 45.5798, -4.7068,
-32.4246

■ 52.4760, -6.5815,
-20.2668

■ 42.4407, -2.7951,
-38.7949

■ 56.1961, -6.6753,
-14.5015

■ 39.5317, -0.1650,
-45.3170

■ 60.0749, -6.2942,
-8.9402

■ 36.8659, 3.1957,
-51.9390

■ 64.0975, -5.4974,
-3.5703

■ 35.4308, 5.3395,
-55.8118

■ 68.2507, -4.3375,
1.6241

■ 72.5230, -2.8601,
6.6599

■ 76.9044, -1.1043,
11.5541

■ 81.3861, 0.8966,
16.3230

■ 85.9604, 3.1141,
20.9813

Harmonies

Analogous

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



48.9312, -16.7040, -19.3113



48.9303, -5.9478, -26.2434



48.9312, 6.8428, -24.0147

Triad

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



48.9312, -5.9478, -26.2424



48.9312, 22.0439, 10.5678



48.9312, -20.3486, 14.8730

Complementary

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



48.9303, -5.9478, -26.2434



52.5344, 10.4788, 22.8543

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.



48.9312, -11.4020, 19.6272



48.9303, -5.9478, -26.2434



48.9312, 13.2773, 17.6174

Square

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



48.9312, -5.9478, -26.2424



48.9312, 23.8830, -0.6621



48.9312, 0.8126, 20.4852



48.9312, -24.4492, 5.7709

Rectangle

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



48.9303, -5.9478, -26.2434



48.9312, 14.7564, -17.8386



48.9312, 0.8126, 20.4852



48.9312, -17.8543, 16.9264

Sweetspot

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



48.9312, -5.9478, -26.2424



85.2157, -7.6528, -6.2088



62.1881, -36.0217, 17.4021



39.4604, -3.7056, -3.6101



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



48.9312, -5.9478, -26.2424



60.5918, -5.9476, -45.1601



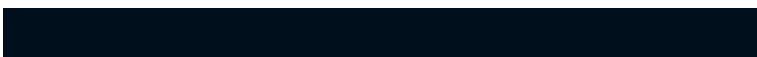
35.7747, 18.5772, -54.6209



30.8110, -2.3120, -0.4508



29.3203, 3.8983, -45.0631



6.5241, -0.9935, -6.0098

Inverse Universe

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



43.3603, 40.0415, -5.9815



53.1495, 65.1534, -7.9676



66.4252, -13.0442, 33.0304



30.1502, 1.7039, 0.6535



27.6590, 49.6339, 0.2983



5.3110, 9.7444, -1.6008

Previews

White Background



This preview shows how the HunterLab color 48.9303, -5.9478, -26.2434 looks on a white background.

Color Contrast Check

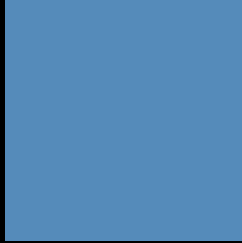
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9303, -5.9478, -26.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

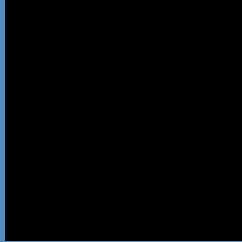
Any Text WCAG AA ✓ Pass

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 48.9303, -5.9478, -26.2434 Background



This preview shows how black text looks on a background with the HunterLab color 48.9303, -5.9478, -26.2434.

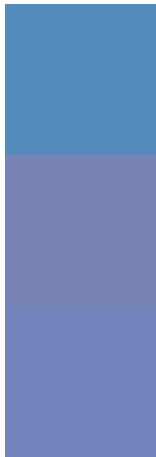


This preview shows how white text looks on a background with the HunterLab color 48.9303, -5.9478, -26.2434.

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

48.9303, -5.9478, -26.2434

Protanopia

48.8178, 3.5577, -22.9502

Deuteranopia

48.7629, 3.9777, -27.7309



Tritanopia

48.7880, -16.6027, -8.4506

Trichromacy



Original Color

48.9303, -5.9478, -26.2434

Protanomaly

48.8596, -0.4747, -24.2646

Deuteranomaly

48.8455, -0.1773, -26.9712

Tritanomaly

48.7398, -12.8180, -14.6639

Monochromacy



Original Color

48.9303, -5.9478, -26.2434

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.0289, -5.0304, -6.9559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9303, -5.9478, -26.2434 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(85, 139, 186)` looks like.

```
.text, #text, p{  
    color:rgb(85, 139, 186)  
}
```

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(85, 139, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 139, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9303, -5.9478, -26.2434 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(85, 139, 186) }
```


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

```
.border{ border-color:rgb(85, 139, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 139, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 139, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 139, 186);  
box-shadow:4px 4px 4px 4px rgb(85, 139,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9303, -5.9478, -26.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 139, 186) }
```

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

```
.background{ background-color: rgb(85, 139,  
186) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor