

Converting Colors

HunterLab(60.5617, -5.2402,
-18.3332)

Have a look what the booklet for
HunterLab(60.5617, -5.2402,
-18.3332) contains.

HunterLab(60.4738, -5.2101, -18.2215)	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(60.4738, -5.2101,
-18.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	85A6CB
RGB	133, 166, 203
RGB Percent	52%, 65%, 80%
CMY	0.4784, 0.3490, 0.2039
CMYK	0.34, 0.18, 0.00, 0.20
HSL	212°, 40%, 66%
HSV	212°, 34%, 80%
XYZ	34.0886, 36.5708, 61.7622
YIQ	160.3510, -31.5450, 4.5110

Conversions

Conversions Part 2

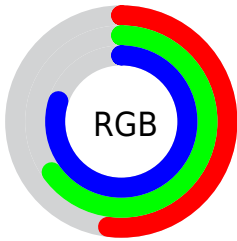
Format	Color
R _Y B	133, 155, 203
Decimal	8758987
CIE Lab	66.95, -2.32, -22.53
CIE LCh	67, 22.652, 264.132
Yxy	36.5722, 0.2574, 0.2762
Android (android.graphics.Color)	4286949067 (0xFF85A6CB)
YUV	160.3510, 21.0260, -23.9868
Hunter-Lab	60.4738, -5.2101, -18.2215

Details

The HunterLab color $60.4738, -5.2101, -18.2215$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65.6811, 2.5641, 20.4852$, and the grayscale version is $59.3609, -3.1673, 3.2252$.

A 20% lighter version of the original color is $83.4412, -7.7303, -15.9438$, and $39.9423, -3.6002, -17.6576$ is the 20% darker color. If you saturate the color by 10%, you get $55.9792, -4.4763, -25.4265$, and if you desaturate by 10%, it is $65.1556, -5.4160, -11.3603$.

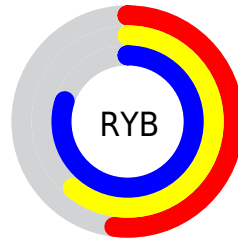
Distribution



Red (52%)

Green (65%)

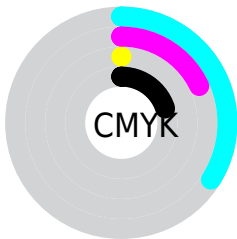
Blue (80%)



Red (52%)

Yellow (61%)

Blue (80%)

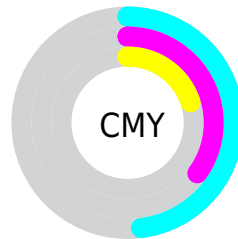


Cyan (34%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.4738, -5.2101, -18.2215 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 60.4738, -5.2101, -18.2215 by changing the saturation by 10% instead.

■ 60.4738, -5.2101,
-18.2215

■ 60.4738, -5.2101,
-18.2215

182.0590,
-12.5935, -18.7980

■ 49.8763, -4.5197,
-17.8746

■ 83.6148, -6.6752,
-18.7253

■ 39.9813, -3.8573,
-17.4665

■ 96.0883, -7.4473,
-18.8890

■ 30.8441, -3.2241,
-17.0019

■ 109.1268, -8.2450,
-18.9973

■ 22.5336, -2.6202,
-16.5013

122.7070, -9.0675,
-19.0528

■ 15.1423, -2.0449,
-16.0282

136.8080, -9.9142,
-19.0583

■ 8.7747, -1.6187,
-15.8932

151.4112,

0.0000, NaN, -NF

-10.7845, -19.0162

0.0000, NaN, -NF

166.4999,
-11.6778, -18.9288

0.0000, NaN, NaN

■ 60.4738, -5.2101,
-18.2215

■ 60.4738, -5.2101,
-18.2215

■ 55.9792, -4.4763,
-25.4265

■ 65.1556, -5.4160,
-11.3603

■ 51.6910, -3.1294,
-33.0098

■ 70.0017, -5.1659,
-4.8106

■ 47.6364, -1.0798,
-40.9883

■ 74.9964, -4.5239,
1.4655

■ 43.8446, 1.7609,
-49.3569

■ 80.1258, -3.5433,
7.5029

■ 40.3456, 5.4630,
-58.0742

■ 85.3778, -2.2693,
13.3332

■ 37.1665, 10.0485,
-67.0552

■ 90.7420, -0.7393,
18.9849

■ 35.5296, 12.8586,
-72.1670

■ 94.1003, -6.2680,
22.2749

■ 97.5157, -11.8034,
25.5294

■ 98.5352, -13.4207,
26.4848

Harmonies

Analogous

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



60.4750, -14.2364, -13.7520



60.4738, -5.2101, -18.2215



60.4750, 4.9506, -16.2012

Triad

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



60.4750, -5.2107, -18.2203



60.4750, 15.6142, 10.3952



60.4750, -18.2347, 13.1829

Complementary

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



60.4738, -5.2101, -18.2215



65.6811, 2.5641, 20.4852

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.



60.4750, -10.9977, 17.8913



60.4738, -5.2101, -18.2215



60.4750, 8.6245, 16.4771

Square

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



60.4750, -5.2107, -18.2203



60.4750, 17.4156, 1.3646



60.4750, -1.2236, 18.9897



60.4750, -21.4308, 5.1576

Rectangle

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



60.4738, -5.2101, -18.2215



60.4750, 10.9557, -11.5926



60.4750, -1.2236, 18.9897



60.4750, -16.2179, 15.1494

Sweetspot

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



60.4750, -5.2107, -18.2203



93.3704, -6.3815, -2.6530



71.1127, -28.5441, 11.9546



42.7732, -3.0030, -1.7654

0.0000, NaN, NaN



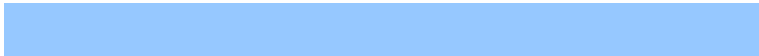
46.2646, -2.4686, 2.5136

Same Dimension

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



60.4750, -5.2107, -18.2203



74.1179, -6.1483, -30.1172



51.1567, 11.7563, -33.7552



34.2076, -2.3042, -0.7493



28.6582, 9.6082, -56.5615



7.5844, 0.1596, -9.8245

Inverse Universe

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



56.7678, 26.1175, -2.2435



68.8292, 41.9285, -3.7867



75.4582, -14.0053, 28.8153



33.6158, 1.8591, 0.9681



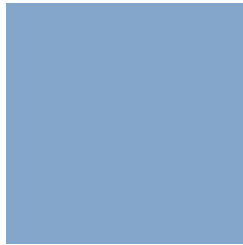
29.3804, 52.1939, 4.4188



6.7869, 12.2678, -0.6147

Previews

White Background



This preview shows how the HunterLab color 60.4738, -5.2101, -18.2215 looks on a white background.

Color Contrast Check

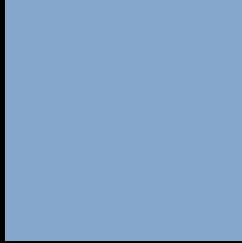
Large Text (above 18pt) WCAG AA × Fail

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 60.4738, -5.2101, -18.2215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

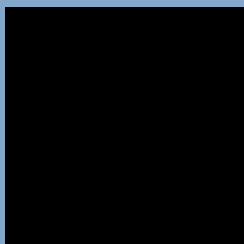
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

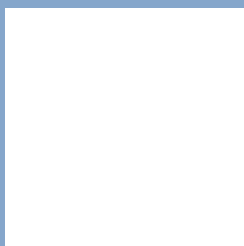
Any Text WCAG AAA ✓ Pass

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

HunterLab 60.4738, -5.2101, -18.2215 Background



This preview shows how black text looks on a background with the HunterLab color 60.4738, -5.2101, -18.2215.



This preview shows how white text looks on a background with the HunterLab color 60.4738, -5.2101, -18.2215.

-18.2215.

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

60.4738, -5.2101, -18.2215

Protanopia

60.4014, 1.8091, -15.7879

Deuteranopia

60.2694, 4.7093, -18.9782



Tritanopia

60.3192, -11.9356, -7.0759

Trichromacy



Original Color

60.4738, -5.2101, -18.2215

Protanomaly

60.3950, -1.1341, -16.4486

Deuteranomaly

60.4121, 0.7433, -18.8270

Tritanomaly

60.3894, -9.6091, -10.7849

Monochromacy



Original Color

60.4738, -5.2101, -18.2215

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.5477, -4.2851, -4.2786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.4738, -5.2101, -18.2215 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(133, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 203)  
}
```

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(133, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 60.4738, -5.2101, -18.2215 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(133, 166, 203) }
```


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

```
.border{ border-color:rgb(133, 166, 203) }
```

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

Here you see how a box with a 4 pixel rgb(133, 166, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.4738, -5.2101, -18.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 203) }
```

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

```
.background{ background-color: rgb(133,  
166, 203) }
```

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