

Converting Colors

HunterLab(68.3859, -21.5300,
-19.3789)

Have a look what the booklet for
HunterLab(68.3859, -21.5300,
-19.3789) contains.

HunterLab(68.4045, -21.6286, -19.3527)	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(68.4045,
-21.6286, -19.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC3E0
RGB	94, 195, 224
RGB Percent	37%, 76%, 88%
CMY	0.6313, 0.2353, 0.1216
CMYK	0.58, 0.13, 0.00, 0.12
HSL	193°, 68%, 62%
HSV	193°, 58%, 88%
XYZ	37.5858, 46.7918, 77.5718
YIQ	168.1070, -69.5050, -12.3930

Conversions

Conversions Part 2

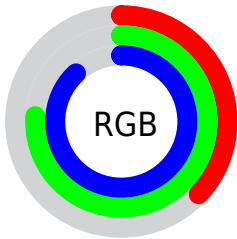
Format	Color
R _Y B	94, 151, 224
Decimal	6210528
CIE Lab	74.06, -21.17, -23.36
CIE LCh	74, 31.525, 227.803
Yxy	46.7935, 0.2321, 0.2889
Android (android.graphics.Color)	4284400608 (0xFF5EC3E0)
YUV	168.1070, 27.5552, -64.9918
Hunter-Lab	68.4045, -21.6286, -19.3527

Details

The HunterLab color **68.4045, -21.6286, -19.3527** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **55.5184, 30.9509, 23.4413**, and the grayscale version is **62.5320, -3.3366, 3.3975**.

A 20% lighter version of the original color is **91.4936, -30.9863, -5.4725**, and **46.8961, -17.9783, -18.8738** is the 20% darker color. If you saturate the color by 10%, you get **66.0107, -22.1925, -23.0550**, and if you desaturate by 10%, it is **71.0150, -20.3016, -15.4746**.

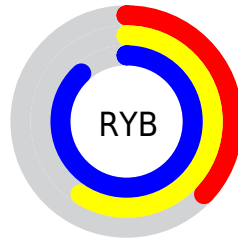
Distribution



Red (37%)

Green (76%)

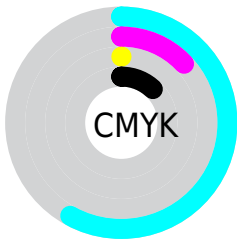
Blue (88%)



Red (37%)

Yellow (59%)

Blue (88%)

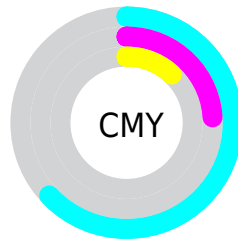


Cyan (58%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (63%)

Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4045, -21.6286, -19.3527 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 68.4045, -21.6286, -19.3527 by changing the saturation by 10% instead.

■ 68.4045, -21.6286,
-19.3527

■ 68.4045, -21.6286,
-19.3527

193.3881,
-36.4579, -19.8234

■ 57.3345, -19.8928,
-19.0260

■ 92.4150, -25.0083,
-19.8215

■ 46.9348, -18.1108,
-18.6386

■ 105.2924,
-26.6674, -19.9706

■ 37.2532, -16.2653,
-18.1919

■ 118.7179,
-28.3132, -20.0661

■ 28.3476, -14.3296,
-17.6968

■ 132.6699,
-29.9498, -20.1104

■ 20.2926, -12.2605,
-17.1865

147.1294,
-31.5803, -20.1061

■ 13.1899, -9.9811,
-16.7622

162.0791,

■ 6.7022, -11.7288,

-33.2071, -20.0555

-18.7243

177.5034,
-34.8324, -19.9606

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.4045, -21.6286,
-19.3527

■ 68.4045, -21.6286,
-19.3527

■ 66.0107, -22.1925,
-23.0550

■ 71.0150, -20.3016,
-15.4746

■ 63.8293, -21.9826,
-26.5602

■ 73.8345, -18.2427,
-11.4529

■ 61.8545, -21.0208,
-29.8517

■ 76.8574, -15.4975,
-7.3149

■ 60.0636, -19.3945,
-32.9424

■ 80.0749, -12.1192,
-3.0871

■ 59.7215, -19.0396,

■ 83.4773, -8.1639,

-33.5456

1.2069

■ 87.0543, -3.6877,
5.5476

■ 90.7957, 1.2554,
9.9187

■ 92.7610, 0.0731,
12.0846

■ 94.3119, -2.5660,
13.7353

Harmonies

Analogous

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



68.4058, -28.5474, -5.0218



68.4045, -21.6286, -19.3527



68.4058, -9.5254, -28.1301

Triad

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



68.4058, -21.6287, -19.3515



68.4058, 26.2361, -2.2064



68.4058, -12.0862, 24.7019

Complementary

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



68.4045, -21.6286, -19.3527



55.5184, 30.9509, 23.4413

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.



68.4058, 2.4232, 25.1422



68.4045, -21.6286, -19.3527



68.4058, 25.4036, 11.4477

Square

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



68.4058, -21.6287, -19.3515



68.4058, 18.5801, -16.9191



68.4058, 16.3935, 20.8038



68.4058, -23.3666, 19.4385

Rectangle

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



68.4045, -21.6286, -19.3527



68.4058, 0.2281, -28.6455



68.4058, 16.3935, 20.8038



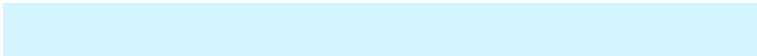
68.4058, -7.4506, 25.3715

Sweetspot

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



68.4058, -21.6287, -19.3515



93.0965, -13.6466, -3.1257



75.5655, -50.0442, 31.1964



42.7118, -6.7115, -1.9084

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4058, -21.6287, -19.3515



75.8092, -25.7274, -27.7293



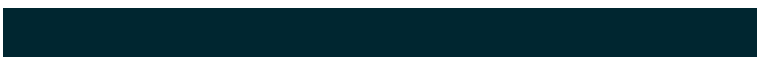
48.9399, 9.7916, -55.1083



38.7640, -4.0898, 0.2789



45.7590, -14.7985, -25.2491



12.5721, -4.6148, -5.7520

Inverse Universe

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



52.7204, 58.7281, -24.5513



56.0479, 80.7352, -32.1883



72.2969, -1.6682, 35.8340



37.2566, 2.6299, -0.3353



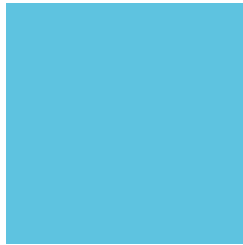
33.1991, 62.2688, -20.5181



8.8149, 16.6571, -6.4079

Previews

White Background



This preview shows how the HunterLab color 68.4045, -21.6286, -19.3527 looks on a white background.

Color Contrast Check

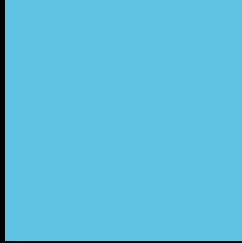
Large Text (above 18pt) WCAG AA × Fail

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 68.4045, -21.6286, -19.3527 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

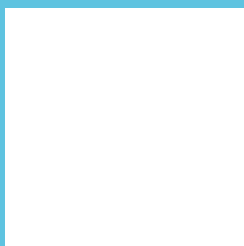
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.4045, -21.6286, -19.3527 Background



This preview shows how black text looks on a background with the HunterLab color 68.4045, -21.6286, -19.3527.



This preview shows how white text looks on a background with the HunterLab color 68.4045, -21.6286, -19.3527.

-21.6286, -19.3527.

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

68.4045, -21.6286, -19.3527

Protanopia

67.8550, 1.1726, -13.1724

Deuteranopia

67.8560, 5.3657, -22.2266



Tritanopia

68.4547, -25.6722, -12.7909

Trichromacy



Original Color

68.4045, -21.6286, -19.3527



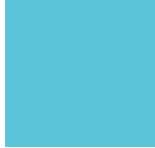
Protanomaly

67.6221, -8.6592, -16.0403



Deuteranomaly

67.7102, -5.9714, -22.0174



Tritanomaly

68.3475, -24.0771, -15.2524

Monochromacy



Original Color

68.4045, -21.6286, -19.3527



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

64.1361, -12.0950, -4.6735

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4045, -21.6286, -19.3527 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(94, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(94, 195, 224)  
}
```

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(94, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 195, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4045, -21.6286, -19.3527 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(94, 195, 224) }
```


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

```
.border{ border-color:rgb(94, 195, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 195, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 195, 224);  
box-shadow:4px 4px 4px 4px rgb(94, 195,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4045, -21.6286, -19.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 195, 224) }
```

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

```
.background{ background-color: rgb(94, 195,  
224) }
```

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