

Converting Colors

HunterLab(71.4985, 2.3851,
-87.1187)

Have a look what the booklet for
HunterLab(71.4985, 2.3851,
-87.1187) contains.

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Color

**HunterLab(68.0592,
-16.8612, -40.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	3CC1FF
RGB	60, 193, 255
RGB Percent	24%, 76%, 100%
CMY	0.7646, 0.2431, 0.0000
CMYK	0.76, 0.24, 0.00, 0.00
HSL	199°, 100%, 62%
HSV	199°, 76%, 100%
XYZ	38.9834, 46.3205, 101.4938
YIQ	160.3010, -99.1700, -8.9140

Conversions

Conversions Part 2

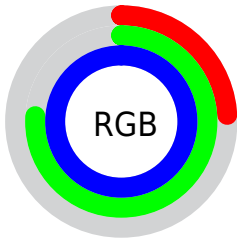
Format	Color
R _{YB}	60, 139, 255
Decimal	3981823
CIE Lab	73.75, -15.37, -40.62
CIE LCh	74, 43.433, 249.271
Yxy	46.3221, 0.2087, 0.2480
Android (android.graphics.Color)	4282171903 (0xFF3CC1FF)
YUV	160.3010, 46.6866, -87.9640
Hunter-Lab	68.0592, -16.8612, -40.7752

Details

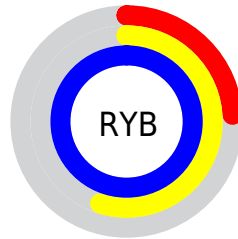
The HunterLab color **68.0592, -16.8612, -40.7752** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **59.5891, 42.5505, 33.2079**, and the grayscale version is **59.2599, -3.1620, 3.2197**.

A 20% lighter version of the original color is **89.4649, -33.3459, -8.1542**, and **47.7843, -10.5138, -37.0299** is the 20% darker color. If you saturate the color by 10%, you get **64.9789, -14.6721, -46.5420**, and if you desaturate by 10%, it is **71.4145, -18.1078, -34.8574**.

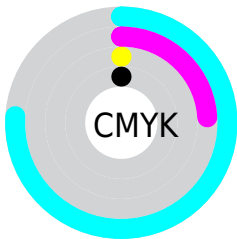
Distribution



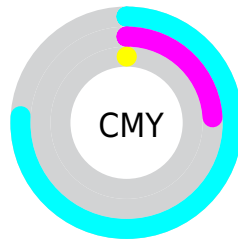
- Red (24%)
- Green (76%)
- Blue (100%)



- Red (24%)
- Yellow (55%)
- Blue (100%)



- Cyan (76%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0592, -16.8612, -40.7752 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 68.0592, -16.8612, -40.7752 by changing the saturation by 10% instead.

68.0592, -16.8612,
-40.7752

68.0592, -16.8612,
-40.7752

192.8995,
-29.3998, -45.1645

57.0088, -15.4493,
-40.0970

92.0330, -19.6485,
-42.0535

46.6302, -14.0160,
-39.4274

104.8934,
-21.0342, -42.6361

36.9712, -12.5494,
-38.8140

118.3026,
-22.4190, -43.1739

28.0902, -11.0322,
-38.3570

132.2390,
-23.8055, -43.6653

20.0625, -9.4355,
-38.2788

146.6834,
-25.1954, -44.1095

12.9907, -7.7075,
-39.1532

161.6184,

6.4467, -10.7356,

-26.5904, -44.5070

-47.6221

177.0285,
-27.9915, -44.8583

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 68.0592, -16.8612,
-40.7752

■ 68.0592, -16.8612,
-40.7752

■ 64.9789, -14.6721,
-46.5420

■ 71.4145, -18.1078,
-34.8574

■ 62.1595, -11.5947,
-52.1408

■ 75.0391, -18.4188,
-28.8353

■ 61.2055, -10.3708,
-54.1139

■ 78.9250, -17.8351,
-22.7501

■ 83.0594, -16.4182,
-16.6402

■ 87.4273, -14.2389,

-10.5365

■ 92.0135, -11.3710,
-4.4625

■ 96.8027, -7.8857,
1.5657

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



68.0603, -31.2020, -24.1196



68.0592, -16.8612, -40.7752



68.0603, 2.7440, -43.8556

Triad

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



68.0603, -16.8610, -40.7732



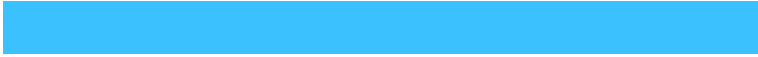
68.0603, 39.1574, 9.3992



68.0603, -26.5444, 26.5730

Complementary

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



68.0592, -16.8612, -40.7752



59.5891, 42.5505, 33.2079

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.



68.0603, -9.7877, 31.0370



68.0592, -16.8612, -40.7752



68.0603, 29.1652, 23.2083

Square

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



68.0603, -16.8610, -40.7732



68.0603, 36.6906, -10.7341



68.0603, 10.6847, 30.0174



68.0603, -36.3227, 15.5417

Rectangle

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



68.0592, -16.8612, -40.7752



68.0603, 16.4426, -37.1134



68.0603, 10.6847, 30.0174



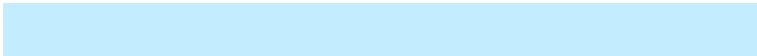
68.0603, -21.6255, 28.7203

Sweetspot

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



68.0603, -16.8610, -40.7732



88.9923, -13.3196, -8.4278



85.9537, -65.0200, 39.1789



40.4172, -6.6049, -4.9164

0.0000, NaN, NaN



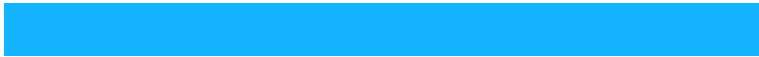
46.2646, -2.4686, 2.5136

Same Dimension

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



68.0603, -16.8610, -40.7732



63.3875, -13.0714, -49.6619



40.6246, 34.6926, -112.4362



44.1023, -4.1668, -0.1208



44.5591, -7.9839, -38.4600



14.5952, -3.5305, -10.6213

Inverse Universe

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



53.2388, 82.7967, -21.9331



50.0863, 89.7463, -18.9377



85.0773, -7.3615, 49.3147



42.6571, 2.8997, 0.0864



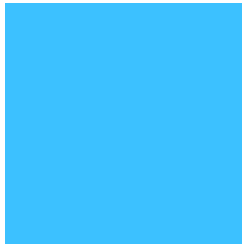
35.6824, 65.6571, -12.2125



11.2231, 20.8056, -5.0394

Previews

White Background



This preview shows how the HunterLab color 68.0592, -16.8612, -40.7752 looks on a white background.

Color Contrast Check

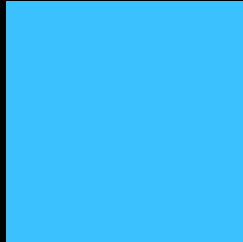
Large Text (above 18pt) WCAG AA × Fail

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 68.0592, -16.8612, -40.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

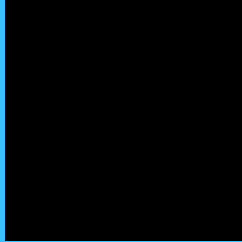
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

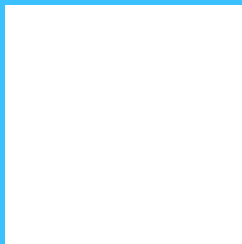
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.0592, -16.8612, -40.7752 Background



This preview shows how black text looks on a background with the HunterLab color 68.0592, -16.8612, -40.7752.



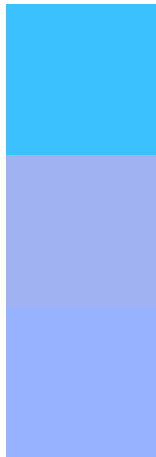
This preview shows how white text looks on a background with the HunterLab color 68.0592, -16.8612, -40.7752.

-16.8612, -40.7752.

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

68.0592, -16.8612, -40.7752

Protanopia

67.7414, 4.7611, -32.3899

Deuteranopia

67.5575, 5.2519, -41.3094



Tritanopia

68.0194, -32.3053, -15.2805

Trichromacy



Original Color

68.0592, -16.8612, -40.7752

Protanomaly

66.9832, -5.2059, -36.7056

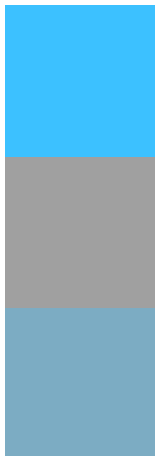
Deuteranomaly

67.0362, -4.2675, -42.4429

Tritanomaly

67.6877, -27.2620, -24.3434

Monochromacy



Original Color

68.0592, -16.8612, -40.7752

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

61.4250, -11.8431, -12.1928

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0592, -16.8612, -40.7752 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(60, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(60, 193, 255)  
}
```

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(60, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 193, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0592, -16.8612, -40.7752 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(60, 193, 255) }
```


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

```
.border{ border-color:rgb(60, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(60, 193,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0592, -16.8612, -40.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 193, 255) }
```

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

```
.background{ background-color: rgb(60, 193,  
255) }
```

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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