

Converting Colors

HunterLab(52.3217, -21.3104,
-67.7205)

Have a look what the booklet for
HunterLab(52.3217, -21.3104,
-67.7205) contains.

HunterLab(56.4420, -5.9236, -57.7602)	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(56.4420, -5.9236,
-57.7602)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0F7
RGB	0, 160, 247
RGB Percent	0%, 63%, 97%
CMY	0.9997, 0.3725, 0.0314
CMYK	1.00, 0.35, 0.00, 0.03
HSL	201°, 100%, 48%
HSV	201°, 100%, 97%
XYZ	29.3593, 31.8570, 92.5972
YIQ	122.0780, -123.2870, -6.8630

Conversions

Conversions Part 2

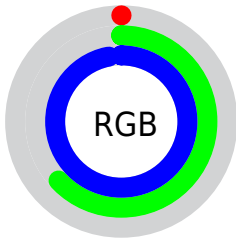
Format	Color
RYB	0, 97, 247
Decimal	41207
CIELab	63.23, -3.49, -52.89
CIELCh	63, 53.006, 266.222
Yxy	31.8580, 0.1909, 0.2071
Android (android.graphics.Color)	4278231287 (0xFF00A0F7)
YUV	122.0780, 61.5865, -107.0624
Hunter-Lab	56.4420, -5.9236, -57.7602

Details

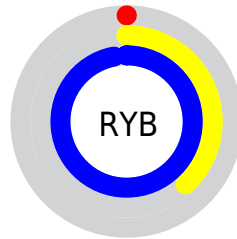
The HunterLab color **56.4420, -5.9236, -57.7602** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **51.5775, 54.3059, 32.7302**, and the grayscale version is **43.9569, -2.3454, 2.3883**.

A 20% lighter version of the original color is **76.5690, -20.8682, -26.4419**, and **38.2818, 1.8431, -51.8276** is the 20% darker color. If you saturate the color by 10%, you get **56.4347, -5.9116, -57.7771**, and if you desaturate by 10%, it is **59.3170, -9.5644, -51.5728**.

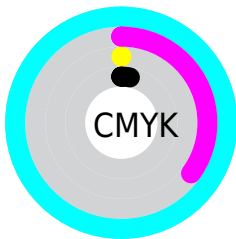
Distribution



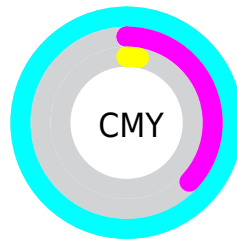
- Red (0%)
- Green (63%)
- Blue (97%)



- Red (0%)
- Yellow (38%)
- Blue (97%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4420, -5.9236, -57.7602 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 56.4420, -5.9236, -57.7602 by changing the saturation by 10% instead.

■ 56.4420, -5.9236,
-57.7602

■ 56.4420, -5.9236,
-57.7602

176.2021,
-13.6843, -64.1612

■ 46.1010, -5.1765,
-57.1789

■ 79.1128, -7.4866,
-59.2165

■ 36.4816, -4.4540,
-56.8387

■ 91.3688, -8.3041,
-59.9901

■ 27.6437, -3.7543,
-56.9703

■ 104.1996, -9.1450,
-60.7578

■ 19.6636, -3.0751,
-58.0764

■ 117.5803,
-10.0087, -61.5054

■ 12.6460, -2.4108,
-61.4449

■ 131.4893,
-10.8949, -62.2241

■ 5.9755, -2.8658,
-81.8265

145.9073,

0.0000, NaN, -NF

-11.8032, -62.9083

0.0000, NaN, -NF

160.8168,
-12.7331, -63.5546

0.0000, NaN, -NF

■ 56.4420, -5.9236,
-57.7602

■ 56.4420, -5.9236,
-57.7602

■ 56.4347, -5.9116,
-57.7771

■ 59.3170, -9.5644,
-51.5728

■ 62.4382, -12.4078,
-45.3027

■ 65.8345, -14.3273,
-38.9327

■ 69.5029, -15.3229,
-32.5068

■ 73.4327, -15.4350,
-26.0701

■ 77.6092, -14.7260,
-19.6607

■ 82.0161, -13.2684,
-13.3075

■ 86.6370, -11.1369,
-7.0299

■ 91.4558, -8.4037,
-0.8398

Harmonies

Analogous

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



56.4429, -25.7284, -44.7817



56.4420, -5.9236, -57.7602



56.4429, 18.0707, -49.7651

Triad

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



56.4429, -5.9226, -57.7589



56.4429, 42.8167, 18.7854



56.4429, -35.5030, 21.9339

Complementary

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



56.4420, -5.9236, -57.7602



51.5775, 54.3059, 32.7302

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.



56.4429, -21.3974, 29.4160



56.4420, -5.9236, -57.7602



56.4429, 23.9780, 28.1811

Square

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



56.4429, -5.9226, -57.7589



56.4429, 48.7275, 0.2056



56.4429, -0.0467, 31.1252



56.4429, -40.9738, 5.7962

Rectangle

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



56.4420, -5.9236, -57.7602



56.4429, 32.9251, -34.8600



56.4429, -0.0467, 31.1252



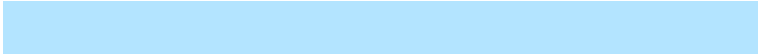
56.4429, -31.7377, 25.2462

Sweetspot

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



56.4429, -5.9226, -57.7589



85.0041, -13.7727, -13.8505



81.9771, -67.3329, 42.8914



38.4213, -6.7076, -7.6912

0.0000, NaN, NaN



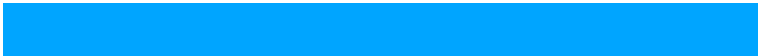
46.2646, -2.4686, 2.5136

Same Dimension

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



56.4429, -5.9226, -57.7589



58.4696, -6.0543, -60.0125



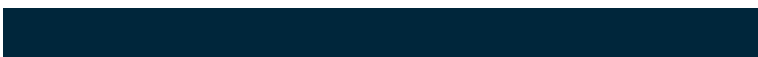
28.3654, 60.1998, -165.3994



42.0926, -3.7897, -0.2475



41.3772, -4.8383, -41.2733



13.0288, -2.6190, -10.6310

Inverse Universe

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



47.2377, 86.2604, -11.1262



48.9718, 89.4245, -11.4467



81.1471, -6.9553, 49.8792



40.8208, 2.6876, 0.2667



34.3915, 62.8793, -8.6518



10.2908, 18.9822, -3.8847

Previews

White Background



This preview shows how the HunterLab color 56.4420, -5.9236, -57.7602 looks on a white background.

Color Contrast Check

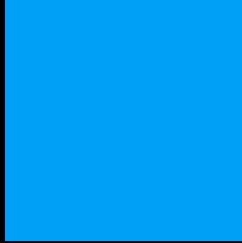
Large Text (above 18pt) WCAG AA × Fail

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 56.4420, -5.9236, -57.7602 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

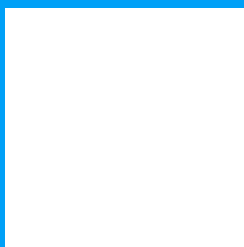
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.4420, -5.9236, -57.7602 Background



This preview shows how black text looks on a background with the HunterLab color 56.4420, -5.9236, -57.7602.

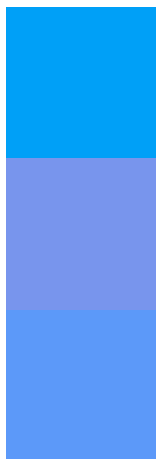


This preview shows how white text looks on a background with the HunterLab color 56.4420, -5.9236, -57.7602.

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

56.4420, -5.9236, -57.7602

Protanopia

56.2160, 8.8796, -49.7064

Deuteranopia

56.4777, 5.1575, -59.1936



Tritanopia

56.3135, -27.1390, -11.8017

Trichromacy



Original Color

56.4420, -5.9236, -57.7602

Protanomaly

55.3804, 0.5816, -54.9587

Deuteranomaly

56.1107, -0.7359, -59.2767

Tritanomaly

56.2852, -20.3073, -26.5139

Monochromacy



Original Color

56.4420, -5.9236, -57.7602

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

46.9234, -10.1387, -17.4579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4420, -5.9236, -57.7602 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(0, 160, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 247)  
}
```

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(0, 160, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4420, -5.9236, -57.7602 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(0, 160, 247) }
```


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

```
.border{ border-color:rgb(0, 160, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4420, -5.9236, -57.7602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 247) }
```

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

```
.background{ background-color: rgb(0, 160,  
247) }
```

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