

Converting Colors

HunterLab(46.2751, -49.6035,
-81.2810)

Have a look what the booklet for
HunterLab(46.2751, -49.6035,
-81.2810) contains.

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Color

**HunterLab(56.8434, -8.1023,
-53.5588)**

Conversions

Conversions Part 1

Format	Color
Hex	00A2F3
RGB	0, 162, 243
RGB Percent	0%, 64%, 95%
CMY	0.9997, 0.3647, 0.0471
CMYK	1.00, 0.33, 0.00, 0.05
HSL	200°, 100%, 48%
HSV	200°, 100%, 95%
XYZ	29.0980, 32.3117, 89.4971
YIQ	122.7960, -122.5530, -9.1530

Conversions

Conversions Part 2

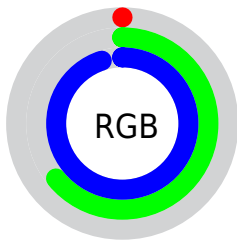
Format	Color
RYB	0, 97, 243
Decimal	41715
CIELab	63.60, -6.12, -50.11
CIELCh	64, 50.477, 263.042
Yxy	32.3127, 0.1928, 0.2141
Android (android.graphics.Color)	4278231795 (0xFF00A2F3)
YUV	122.7960, 59.2606, -107.6921
Hunter-Lab	56.8434, -8.1023, -53.5588

Details

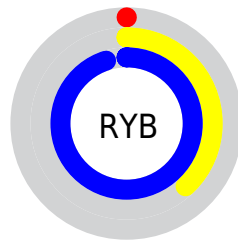
The HunterLab color **56.8434, -8.1023, -53.5588** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **49.9498, 55.2106, 31.7431**, and the grayscale version is **44.2445, -2.3608, 2.4039**.

A 20% lighter version of the original color is **77.5222, -22.4478, -24.9814**, and **38.6187, -0.3432, -47.5292** is the 20% darker color. If you saturate the color by 10%, you get **56.8369, -8.0917, -53.5734**, and if you desaturate by 10%, it is **59.5468, -11.4075, -47.9363**.

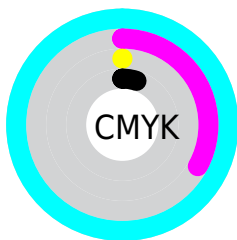
Distribution



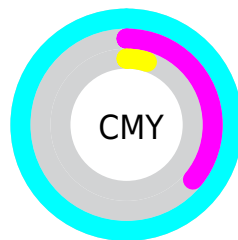
- Red (0%)
- Green (64%)
- Blue (95%)



- Red (0%)
- Yellow (38%)
- Blue (95%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8434, -8.1023, -53.5588 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 56.8434, -8.1023, -53.5588 by changing the saturation by 10% instead.

■ 56.8434, -8.1023,
-53.5588

■ 56.8434, -8.1023,
-53.5588

176.7884,
-16.9067, -59.6716

■ 46.4763, -7.2066,
-52.9297

■ 79.5620, -9.9359,
-55.0220

■ 36.8289, -6.3237,
-52.4879

■ 91.8400, -10.8781,
-55.7733

■ 27.9603, -5.4486,
-52.4243

■ 104.6918,
-11.8379, -56.5085

■ 19.9464, -4.5737,
-53.1561

■ 118.0927,
-12.8155, -57.2162

■ 12.8903, -3.6847,
-55.7454

■ 132.0212,
-13.8111, -57.8896

■ 6.3135, -4.5578,
-71.0646

146.4579,

0.0000, NaN, -NF

-14.8249, -58.5247

0.0000, NaN, -NF

161.3855,
-15.8568, -59.1191

0.0000, NaN, -NF

■ 56.8434, -8.1023,
-53.5588

■ 56.8434, -8.1023,
-53.5588

■ 56.8369, -8.0917,
-53.5734

■ 59.5468, -11.4075,
-47.9363

■ 62.4809, -13.9511,
-42.2080

■ 65.6766, -15.6044,
-36.3526

■ 69.1330, -16.3625,
-30.4088

■ 72.8417, -16.2592,
-24.4191

■ 76.7902, -15.3511,
-18.4213

■ 80.9638, -13.7056,
-12.4458

■ 85.3474, -11.3932,
-6.5148

■ 89.9260, -8.4835,
-0.6433

Harmonies

Analogous

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



56.8443, -26.4306, -39.7012



56.8434, -8.1023, -53.5588



56.8443, 14.6014, -48.1997

Triad

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



56.8443, -8.1014, -53.5576



56.8443, 41.6748, 16.7703



56.8443, -33.2067, 22.4521

Complementary

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



56.8434, -8.1023, -53.5588



49.9498, 55.2106, 31.7431

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.



56.8443, -18.7550, 29.1664



56.8434, -8.1023, -53.5588



56.8443, 24.8856, 26.8717

Square

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



56.8443, -8.1014, -53.5576



56.8443, 45.6855, -2.0330



56.8443, 2.2130, 30.3986



56.8443, -39.4175, 7.7842

Rectangle

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



56.8434, -8.1023, -53.5588



56.8443, 29.0303, -35.1662



56.8443, 2.2130, 30.3986



56.8443, -29.2683, 25.4451

Sweetspot

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



56.8443, -8.1014, -53.5576



85.4729, -14.4990, -13.2124



80.4344, -66.3313, 42.6573



38.6691, -7.0881, -7.3450

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.8443, -8.1014, -53.5576



59.9674, -8.4397, -56.7351



28.3318, 57.2497, -158.9895



42.1574, -3.8949, -0.1692



42.4120, -6.4733, -39.0372



13.3019, -3.0290, -10.0876

Inverse Universe

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



46.5457, 85.3072, -13.3679



49.1543, 90.0807, -13.9929



78.4453, -4.8387, 48.2515



40.8275, 2.7238, 0.1707



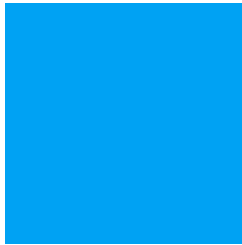
34.5185, 63.3357, -10.4217



10.3260, 19.1082, -4.3712

Previews

White Background



This preview shows how the HunterLab color 56.8434, -8.1023, -53.5588 looks on a white background.

Color Contrast Check

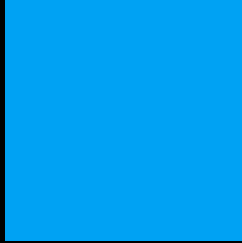
Large Text (above 18pt) WCAG AA × Fail

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 56.8434, -8.1023, -53.5588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

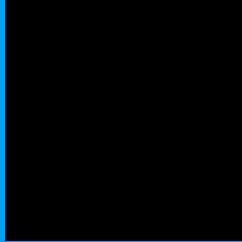
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

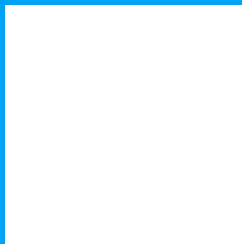
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.8434, -8.1023, -53.5588 Background



This preview shows how black text looks on a background with the HunterLab color 56.8434, -8.1023, -53.5588.

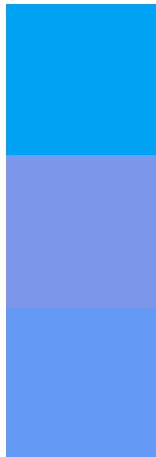


This preview shows how white text looks on a background with the HunterLab color 56.8434, -8.1023, -53.5588.

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

56.8434, -8.1023, -53.5588

Protanopia

56.5517, 8.1202, -45.8345

Deuteranopia

56.6431, 5.2719, -55.4276



Tritanopia

56.7171, -27.1151, -12.3578

Trichromacy



Original Color

56.8434, -8.1023, -53.5588

Protanomaly

55.5769, -0.6942, -51.2396

Deuteranomaly

56.0344, -1.4366, -56.0576

Tritanomaly

56.6085, -20.7442, -25.9748

Monochromacy



Original Color

56.8434, -8.1023, -53.5588

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

47.2240, -10.5880, -16.9865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8434, -8.1023, -53.5588 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, 162, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 243)  
}
```

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, 162, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8434, -8.1023, -53.5588 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, 162, 243) }
```


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

```
.border{ border-color:rgb(0, 162, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8434, -8.1023, -53.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 243) }
```

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

```
.background{ background-color: rgb(0, 162,  
243) }
```

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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