

Converting Colors

HunterLab(55.9830, -7.9999,
-52.7043)

Have a look what the booklet for
HunterLab(55.9830, -7.9999,
-52.7043) contains.

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Color

**HunterLab(56.0650, -8.0154,
-52.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0F0
RGB	0, 160, 240
RGB Percent	0%, 63%, 94%
CMY	0.9997, 0.3725, 0.0588
CMYK	1.00, 0.33, 0.00, 0.06
HSL	200°, 100%, 47%
HSV	200°, 100%, 94%
XYZ	28.2990, 31.4328, 87.0137
YIQ	121.2800, -121.0400, -9.0400

Conversions

Conversions Part 2

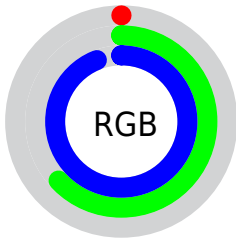
Format	Color
RYB	0, 96, 240
Decimal	41200
CIELab	62.87, -6.09, -49.61
CIELCh	63, 49.984, 263.003
Yxy	31.4338, 0.1928, 0.2142
Android (android.graphics.Color)	4278231280 (0xFF00A0F0)
YUV	121.2800, 58.5290, -106.3626
Hunter-Lab	56.0650, -8.0154, -52.7734

Details

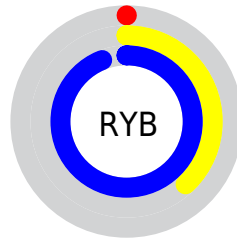
The HunterLab color **56.0650, -8.0154, -52.7734** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **49.2672, 54.3924, 31.3082**, and the grayscale version is **43.6570, -2.3294, 2.3720**.

A 20% lighter version of the original color is **76.4861, -21.1748, -26.5777**, and **37.8895, -0.2770, -46.7607** is the 20% darker color. If you saturate the color by 10%, you get **56.0586, -8.0050, -52.7878**, and if you desaturate by 10%, it is **58.7307, -11.2658, -47.2315**.

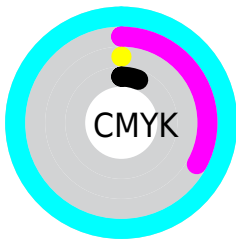
Distribution



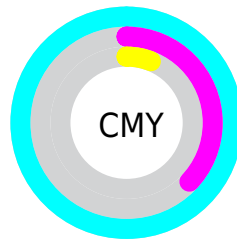
- Red (0%)
- Green (63%)
- Blue (94%)



- Red (0%)
- Yellow (38%)
- Blue (94%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (37%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0650, -8.0154, -52.7734 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 56.0650, -8.0154, -52.7734 by changing the saturation by 10% instead.

■ 56.0650, -8.0154,
-52.7734

■ 56.0650, -8.0154,
-52.7734

175.6508,
-16.7979, -58.8419

■ 45.7487, -7.1222,
-52.1474

■ 78.6908, -9.8440,
-54.2302

■ 36.1558, -6.2417,
-51.7103

■ 90.9261, -10.7837,
-54.9776

■ 27.3467, -5.3686,
-51.6577

■ 103.7369,
-11.7409, -55.7081

■ 19.3986, -4.4953,
-52.4205

■ 117.0986,
-12.7161, -56.4108

■ 12.4174, -3.6067,
-55.1143

■ 130.9893,
-13.7094, -57.0787

■ 5.6389, -5.0065,
-75.3909

145.3896,

0.0000, NaN, -NF

-14.7208, -57.7078

0.0000, NaN, -NF

160.2820,
-15.7503, -58.2959

0.0000, NaN, -NF

■ 56.0650, -8.0154,
-52.7734

■ 56.0650, -8.0154,
-52.7734

■ 56.0586, -8.0050,
-52.7878

■ 58.7307, -11.2658,
-47.2315

■ 61.6232, -13.7671,
-41.5864

■ 64.7734, -15.3917,
-35.8163

■ 68.1802, -16.1348,
-29.9594

■ 71.8355, -16.0300,
-24.0573

■ 75.7268, -15.1329,
-18.1475

■ 79.8397, -13.5098,
-12.2597

■ 84.1594, -11.2303,
-6.4158

■ 88.6711, -8.3626,
-0.6304

Harmonies

Analogous

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



56.0659, -26.0744, -39.0973



56.0650, -8.0154, -52.7734



56.0659, 14.3609, -47.5176

Triad

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



56.0659, -8.0145, -52.7722



56.0659, 41.0875, 16.5154



56.0659, -32.7225, 22.1486

Complementary

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



56.0650, -8.0154, -52.7734



49.2672, 54.3924, 31.3082

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.



56.0659, -18.4660, 28.7616



56.0650, -8.0154, -52.7734



56.0659, 24.5530, 26.4858

Square

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



56.0659, -8.0145, -52.7722



56.0659, 45.0214, -2.0310



56.0659, 2.2085, 29.9711



56.0659, -38.8564, 7.6993

Rectangle

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



56.0650, -8.0154, -52.7734



56.0659, 28.5862, -34.6850



56.0659, 2.2085, 29.9711



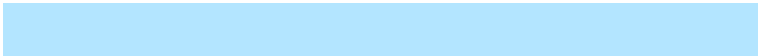
56.0659, -28.8363, 25.0968

Sweetspot

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



56.0659, -8.0145, -52.7722



85.4729, -14.4990, -13.2124



79.3101, -65.3969, 42.0455



38.6690, -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.



56.0659, -8.0145, -52.7722



59.9674, -8.4397, -56.7351



27.9519, 56.3875, -156.6532



41.2180, -3.8047, -0.1599



41.7820, -6.4019, -38.4040



12.7842, -2.9618, -9.5855

Inverse Universe

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



45.8966, 84.1211, -13.2097



49.1543, 90.0807, -13.9929



77.3561, -4.7844, 47.5812



39.9206, 2.6518, 0.1716



33.9937, 62.3766, -10.2929



9.8980, 18.3253, -4.2602

Previews

White Background



This preview shows how the HunterLab color 56.0650, -8.0154, -52.7734 looks on a white background.

Color Contrast Check

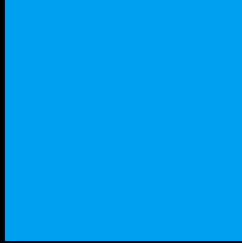
Large Text (above 18pt) WCAG AA × Fail

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 56.0650, -8.0154, -52.7734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

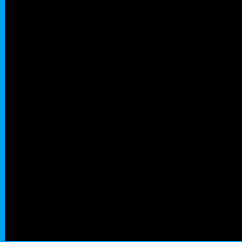
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

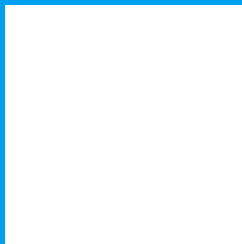
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.0650, -8.0154, -52.7734 Background



This preview shows how black text looks on a background with the HunterLab color 56.0650, -8.0154, -52.7734.

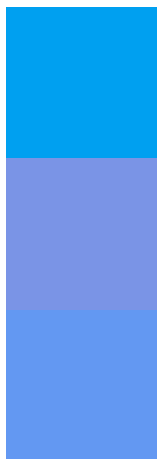


This preview shows how white text looks on a background with the HunterLab color 56.0650, -8.0154, -52.7734.

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

56.0650, -8.0154, -52.7734

Protanopia

55.7051, 7.9365, -45.2166

Deuteranopia

56.1426, 4.7658, -54.0355



Tritanopia

55.9469, -26.9471, -11.7578

Trichromacy



Original Color

56.0650, -8.0154, -52.7734

Protanomaly

54.7875, -0.6735, -50.4911

Deuteranomaly

55.5431, -1.9186, -54.6413

Tritanomaly

55.8342, -20.6123, -25.2917

Monochromacy



Original Color

56.0650, -8.0154, -52.7734

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

46.4608, -10.5170, -16.3754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0650, -8.0154, -52.7734 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0650, -8.0154, -52.7734 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, 240) }
```


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

```
.border{ border-color:rgb(0, 160, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0650, -8.0154, -52.7734 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, 240) }
```

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

```
.background{ background-color: rgb(0, 160,  
240) }
```

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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