

Converting Colors

HunterLab(58.2463, -9.1729,
-53.0270)

Have a look what the booklet for
HunterLab(58.2463, -9.1729,
-53.0270) contains.

HunterLab(58.2463, -9.1639, -53.0205)	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(58.2463, -9.1639,
-53.0205)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6F6
RGB	0, 166, 246
RGB Percent	0%, 65%, 96%
CMY	0.9997, 0.3490, 0.0353
CMYK	1.00, 0.33, 0.00, 0.04
HSL	200°, 100%, 48%
HSV	200°, 100%, 96%
XYZ	30.2708, 33.9263, 92.1418
YIQ	125.4860, -124.6160, -10.3120

Conversions

Conversions Part 2

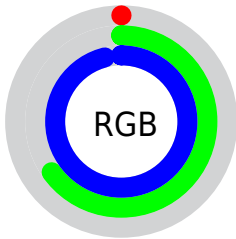
Format	Color
RYB	0, 99, 246
Decimal	42742
CIELab	64.90, -7.27, -49.68
CIELCh	65, 50.213, 261.676
Yxy	33.9274, 0.1936, 0.2170
Android (android.graphics.Color)	4278232822 (0xFF00A6F6)
YUV	125.4860, 59.4134, -110.0512
Hunter-Lab	58.2463, -9.1639, -53.0205

Details

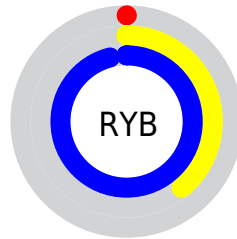
The HunterLab color **58.2463, -9.1639, -53.0205** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **50.3397, 56.8644, 32.0122**, and the grayscale version is **45.2944, -2.4168, 2.4609**.

A 20% lighter version of the original color is **78.8973, -24.1865, -22.9034**, and **39.9194, -1.3731, -46.9316** is the 20% darker color. If you saturate the color by 10%, you get **58.2396, -9.1531, -53.0355**, and if you desaturate by 10%, it is **60.9344, -12.4136, -47.5064**.

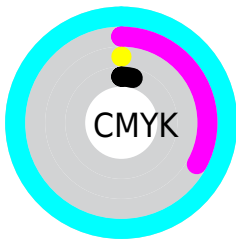
Distribution



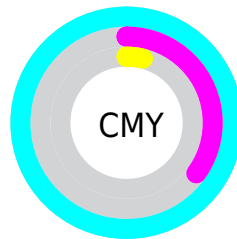
- Red (0%)
- Green (65%)
- Blue (96%)



- Red (0%)
- Yellow (39%)
- Blue (96%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2463, -9.1639, -53.0205 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 58.2463, -9.1639, -53.0205 by changing the saturation by 10% instead.

■ 58.2463, -9.1639,
-53.0205

■ 58.2463, -9.1639,
-53.0205

178.8318,
-18.4452, -59.0633

■ 47.7889, -8.2013,
-52.3712

■ 81.1300, -11.1201,
-54.4902

■ 38.0445, -7.2468,
-51.8862

■ 93.4844, -12.1191,
-55.2361

■ 29.0705, -6.2941,
-51.7350

■ 106.4091,
-13.1332, -55.9627

■ 20.9400, -5.3340,
-52.2829

■ 119.8800,
-14.1630, -56.6598

■ 13.7516, -4.3494,
-54.4365

■ 133.8758,
-15.2088, -57.3213

■ 7.3689, -4.6922,
-63.8337

148.3775,

0.0000, NaN, -NF

-16.2711, -57.9435

0.0000, NaN, -NF

163.3680,
-17.3498, -58.5245

0.0000, NaN, -NF

■ 58.2463, -9.1639,
-53.0205

■ 58.2463, -9.1639,
-53.0205

■ 58.2396, -9.1531,
-53.0355

■ 60.9344, -12.4136,
-47.5064

■ 63.8530, -14.8969,
-41.8738

■ 67.0337, -16.4829,
-36.1001

■ 70.4769, -17.1637,
-30.2228

■ 74.1748, -16.9714,
-24.2840

■ 78.1154, -15.9612,
-18.3225

■ 82.2844, -14.2001,
-12.3698

■ 86.6670, -11.7588,
-6.4496

■ 91.2481, -8.7072,
-0.5787

Harmonies

Analogous

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



58.2472, -27.2887, -38.5301



58.2463, -9.1639, -53.0205



58.2472, 13.5093, -48.5962

Triad

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



58.2472, -9.1630, -53.0192



58.2472, 42.1025, 16.2634



58.2472, -32.9595, 23.1488

Complementary

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



58.2463, -9.1639, -53.0205



50.3397, 56.8644, 32.0122

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.



58.2472, -18.0543, 29.6908



58.2463, -9.1639, -53.0205



58.2472, 25.7936, 26.8781

Square

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



58.2472, -9.1630, -53.0192



58.2472, 45.4301, -3.0199



58.2472, 3.1986, 30.7381



58.2472, -39.6169, 8.7483

Rectangle

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



58.2463, -9.1639, -53.0205



58.2472, 28.0768, -36.0455



58.2472, 3.1986, 30.7381



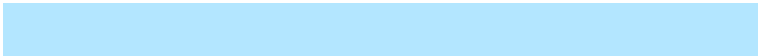
58.2472, -28.8639, 26.0769

Sweetspot

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



58.2472, -9.1630, -53.0192



85.6749, -14.8108, -12.9386



81.5242, -67.5000, 43.8181



38.7758, -7.2514, -7.1966

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.2472, -9.1630, -53.0192



60.6169, -9.4572, -55.3504



29.2288, 56.2107, -157.8673



42.1853, -3.9402, -0.1356



42.8606, -7.1709, -38.0921



13.4201, -3.2041, -9.8573

Inverse Universe

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



47.2735, 86.7727, -14.5990



49.2346, 90.3692, -15.1111



78.3111, -2.8503, 48.2035



40.8304, 2.7394, 0.1294



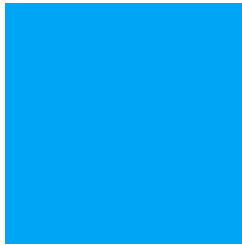
34.5744, 63.5363, -11.1985



10.3414, 19.1633, -4.5837

Previews

White Background



This preview shows how the HunterLab color 58.2463, -9.1639, -53.0205 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 58.2463, -9.1639, -53.0205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

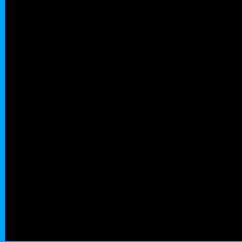
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

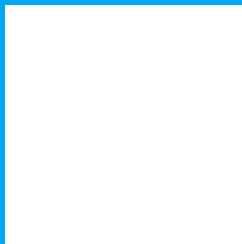
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.2463, -9.1639, -53.0205 Background



This preview shows how black text looks on a background with the HunterLab color 58.2463, -9.1639, -53.0205.



This preview shows how white text looks on a background with the HunterLab color 58.2463, -9.1639, -53.0205.

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

58.2463, -9.1639, -53.0205

Protanopia

58.0505, 7.4268, -44.3751

Deuteranopia

58.2190, 4.8935, -54.4807



Tritanopia

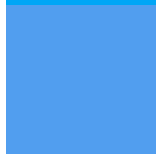
58.1893, -27.8853, -12.5352

Trichromacy



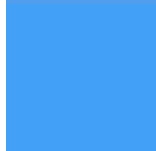
Original Color

58.2463, -9.1639, -53.0205



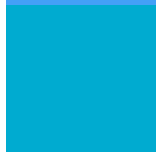
Protanomaly

56.9518, -1.8770, -49.9535



Deuteranomaly

57.4894, -2.2610, -55.3667



Tritanomaly

58.0344, -21.7500, -25.5859

Monochromacy



Original Color

58.2463, -9.1639, -53.0205



Achromatopsia

45.6768, -2.4372, 2.4817



Achromatomaly

48.6390, -11.3943, -16.5865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2463, -9.1639, -53.0205 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, 166, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 246)  
}
```

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, 166, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2463, -9.1639, -53.0205 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, 166, 246) }
```


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

```
.border{ border-color:rgb(0, 166, 246) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2463, -9.1639, -53.0205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 246) }
```

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

```
.background{ background-color: rgb(0, 166,  
246) }
```

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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