

Converting Colors

HunterLab(52.2525, -10.3055,
-69.0438)

Have a look what the booklet for
HunterLab(52.2525, -10.3055,
-69.0438) contains.

HunterLab(54.3689, -2.1198, -63.3804)	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(54.3689, -2.1198,
-63.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	0099F8
RGB	0, 153, 248
RGB Percent	0%, 60%, 97%
CMY	0.9997, 0.4000, 0.0274
CMYK	1.00, 0.38, 0.00, 0.03
HSL	203°, 100%, 49%
HSV	203°, 100%, 97%
XYZ	28.3345, 29.5598, 93.0192
YIQ	118.0830, -121.6830, -2.8910

Conversions

Conversions Part 2

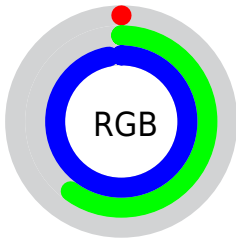
Format	Color
R _{YB}	0, 95, 248
Decimal	39416
CIE _{Lab}	61.27, 0.94, -56.54
CIE _{LCh}	61, 56.551, 270.955
Yxy	29.5607, 0.1878, 0.1959
Android (android.graphics.Color)	4278229496 (0xFF0099F8)
YUV	118.0830, 64.0491, -103.5588
Hunter-Lab	54.3689, -2.1198, -63.3804

Details

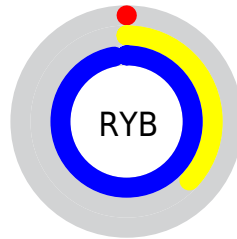
The HunterLab color **54.3689, -2.1198, -63.3804** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **53.0603, 51.1639, 33.5889**, and the grayscale version is **42.3979, -2.2622, 2.3036**.

A 20% lighter version of the original color is **74.2702, -17.5107, -30.0671**, and **36.6907, 5.1379, -56.9515** is the 20% darker color. If you saturate the color by 10%, you get **54.3611, -2.1064, -63.3995**, and if you desaturate by 10%, it is **57.4464, -6.2252, -56.3684**.

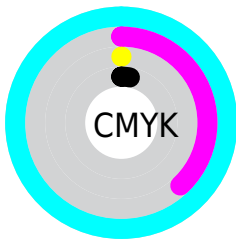
Distribution



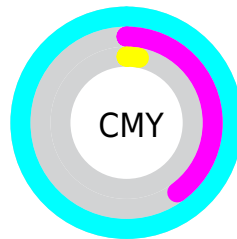
- Red (0%)
- Green (60%)
- Blue (97%)



- Red (0%)
- Yellow (37%)
- Blue (97%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.3689, -2.1198, -63.3804 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 54.3689, -2.1198, -63.3804 by changing the saturation by 10% instead.

■ 54.3689, -2.1198,
-63.3804

■ 54.3689, -2.1198,
-63.3804

■ 173.1621, -8.0952,
-70.0584

■ 44.1649, -1.6259,
-62.9236

■ 76.7898, -3.2209,
-64.7643

■ 34.6930, -1.1763,
-62.8206

■ 88.9304, -3.8254,
-65.5512

■ 26.0158, -0.7742,
-63.3940

■ 101.6510, -4.4628,
-66.3514

■ 18.2142, -0.4258,
-65.3639

■ 114.9262, -5.1316,
-67.1450

■ 11.4004, -0.1400,
-70.6501

■ 128.7337, -5.8304,
-67.9194

■ 3.7545, 0.8933,
-135.6371

143.0537, -6.5580,

0.0000, NaN, -NF

-68.6663

0.0000, NaN, -NF

157.8685, -7.3132,
-69.3804

0.0000, NaN, -NF

■ 54.3689, -2.1198,
-63.3804

■ 54.3689, -2.1198,
-63.3804

■ 54.3611, -2.1064,
-63.3995

■ 57.4464, -6.2252,
-56.3684

■ 60.7904, -9.4951,
-49.3233

■ 64.4261, -11.8080,
-42.2355

■ 68.3463, -13.1737,
-35.1561

■ 72.5363, -13.6425,
-28.1323

■ 76.9783, -13.2856,
-21.2001

■ 81.6536, -12.1820,
-14.3833

■ 86.5439, -10.4110,
-7.6951

■ 91.6319, -8.0478,
-1.1404

Harmonies

Analogous

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



54.3697, -23.8863, -52.4083



54.3689, -2.1198, -63.3804



54.3697, 23.4354, -51.0152

Triad

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



54.3697, -2.1187, -63.3791



54.3697, 43.5404, 21.2951



54.3697, -38.1845, 20.4944

Complementary

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



54.3689, -2.1198, -63.3804



53.0603, 51.1639, 33.5889

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.



54.3697, -25.0221, 29.0296



54.3689, -2.1198, -63.3804



54.3697, 21.8390, 29.3275

Square

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



54.3697, -2.1187, -63.3791



54.3697, 52.5008, 3.6991



54.3697, -3.6848, 31.3654



54.3697, -42.3584, 2.2093

Rectangle

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



54.3689, -2.1198, -63.3804



54.3697, 38.6102, -33.3947



54.3697, -3.6848, 31.3654



54.3697, -34.7944, 24.2573

Sweetspot

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



54.3697, -2.1187, -63.3791



84.2420, -12.5843, -14.8963



82.3958, -67.3820, 42.4738



38.0188, -6.0846, -8.2591

0.0000, NaN, NaN



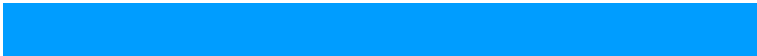
46.2646, -2.4686, 2.5136

Same Dimension

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



54.3697, -2.1187, -63.3791



56.0648, -2.1013, -65.5401



28.0583, 62.1761, -169.2817



42.9256, -3.7016, -0.3897



40.3029, -2.1300, -45.7771



13.0743, -1.9524, -12.1270

Inverse Universe

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



47.1785, 85.6611, -7.3035



48.6870, 88.3983, -7.4557



82.7822, -9.0283, 50.8505



41.7196, 2.6986, 0.4283



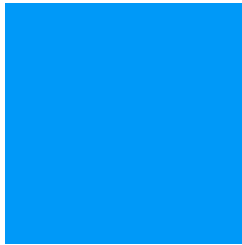
34.7141, 63.1078, -5.9315



10.6620, 19.5564, -3.1675

Previews

White Background



This preview shows how the HunterLab color 54.3689, -2.1198, -63.3804 looks on a white background.

Color Contrast Check

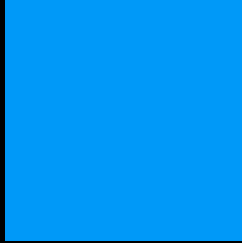
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3689, -2.1198, -63.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

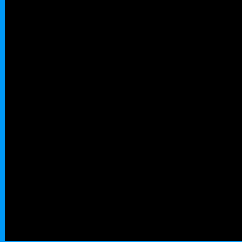
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

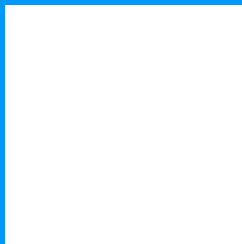
Any Text WCAG AAA × Fail

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

HunterLab 54.3689, -2.1198, -63.3804 Background



This preview shows how black text looks on a background with the HunterLab color 54.3689, -2.1198, -63.3804.



This preview shows how white text looks on a background with the HunterLab color 54.3689, -2.1198, -63.3804.

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

54.3689, -2.1198, -63.3804

Protanopia

54.2492, 9.8950, -55.6480

Deuteranopia

54.2911, 5.3117, -64.3278



Tritanopia

54.1198, -25.9907, -11.5386

Trichromacy



Original Color

54.3689, -2.1198, -63.3804

Protanomaly

53.4261, 3.1112, -60.2492

Deuteranomaly

54.0894, 1.6322, -64.8815

Tritanomaly

53.9078, -17.9862, -28.5530

Monochromacy



Original Color

54.3689, -2.1198, -63.3804

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

45.2162, -8.8219, -18.9696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.3689, -2.1198, -63.3804 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, 153, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 248)  
}
```

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, 153, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 54.3689, -2.1198, -63.3804 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, 153, 248) }
```


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

```
.border{ border-color:rgb(0, 153, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.3689, -2.1198, -63.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 248) }
```

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

```
.background{ background-color: rgb(0, 153,  
248) }
```

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