

Converting Colors

HunterLab(51.7737, -11.3102,
-68.2633)

Have a look what the booklet for
HunterLab(51.7737, -11.3102,
-68.2633) contains.

HunterLab(54.2552, -2.7416, -61.8959)	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(54.2552, -2.7416,
-61.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	0099F6
RGB	0, 153, 246
RGB Percent	0%, 60%, 96%
CMY	0.9997, 0.4000, 0.0353
CMYK	1.00, 0.38, 0.00, 0.04
HSL	203°, 100%, 48%
HSV	203°, 100%, 96%
XYZ	28.0258, 29.4363, 91.3934
YIQ	117.8550, -121.0410, -3.5130

Conversions

Conversions Part 2

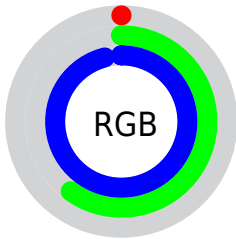
Format	Color
R _{YB}	0, 94, 246
Decimal	39414
CIE Lab	61.17, 0.19, -55.62
CIE LCh	61, 55.618, 270.195
Yxy	29.4372, 0.1883, 0.1978
Android (android.graphics.Color)	4278229494 (0xFF0099F6)
YUV	117.8550, 63.1755, -103.3588
Hunter-Lab	54.2552, -2.7416, -61.8959

Details

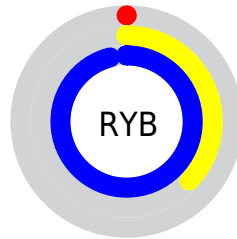
The HunterLab color **54.2552, -2.7416, -61.8959** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **52.3777, 51.2245, 33.1694**, and the grayscale version is **42.3129, -2.2577, 2.2989**.

A 20% lighter version of the original color is **74.2702, -17.5107, -30.0671**, and **36.5713, 4.5059, -55.4380** is the 20% darker color. If you saturate the color by 10%, you get **54.2475, -2.7285, -61.9147**, and if you desaturate by 10%, it is **57.2750, -6.7304, -55.0821**.

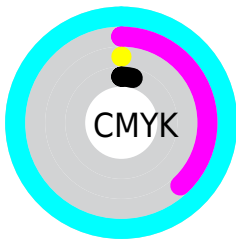
Distribution



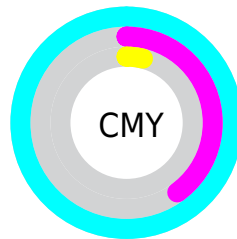
- Red (0%)
- Green (60%)
- Blue (96%)



- Red (0%)
- Yellow (37%)
- Blue (96%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.2552, -2.7416, -61.8959 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 54.2552, -2.7416, -61.8959 by changing the saturation by 10% instead.

■ 54.2552, -2.7416,
-61.8959

■ 54.2552, -2.7416,
-61.8959

■ 172.9948, -9.0083,
-68.5147

■ 44.0588, -2.2064,
-61.4165

■ 76.6622, -3.9180,
-63.2934

■ 34.5951, -1.7123,
-61.2722

■ 88.7965, -4.5573,
-64.0776

■ 25.9269, -1.2617,
-61.7730

■ 101.5109, -5.2279,
-64.8713

■ 18.1352, -0.8593,
-63.6123

■ 114.7802, -5.9285,
-65.6555

■ 11.3329, -0.5118,
-68.6448

■ 128.5821, -6.6579,
-66.4183

■ 3.5921, 0.0380,
-136.4878

142.8967, -7.4150,

0.0000, NaN, -NF

-67.1521

0.0000, NaN, -NF

157.7063, -8.1987,
-67.8519

0.0000, NaN, -NF

■ 54.2552, -2.7416,
-61.8959

■ 54.2552, -2.7416,
-61.8959

■ 54.2475, -2.7285,
-61.9147

■ 57.2750, -6.7304,
-55.0821

■ 60.5550, -9.8982,
-48.2276

■ 64.1213, -12.1234,
-41.3210

■ 67.9673, -13.4142,
-34.4117

■ 72.0792, -13.8188,
-27.5463

■ 76.4398, -13.4062,
-20.7607

■ 81.0310, -12.2538,
-14.0797

■ 85.8349, -10.4393,
-7.5173

■ 90.8347, -8.0366,
-1.0794

Harmonies

Analogous

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



54.2560, -23.9951, -50.6610



54.2552, -2.7416, -61.8959



54.2560, 22.3345, -50.3834

Triad

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



54.2560, -2.7405, -61.8946



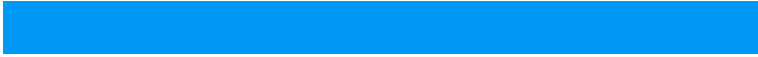
54.2560, 43.0596, 20.7266



54.2560, -37.4338, 20.5644

Complementary

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



54.2552, -2.7416, -61.8959



52.3777, 51.2245, 33.1694

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.



54.2560, -24.2239, 28.8540



54.2552, -2.7416, -61.8959



54.2560, 22.0146, 28.9149

Square

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



54.2560, -2.7405, -61.8946



54.2560, 51.4303, 3.1027



54.2560, -3.0551, 31.0756



54.2560, -41.7833, 2.8035

Rectangle

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



54.2552, -2.7416, -61.8959



54.2560, 37.3286, -33.3643



54.2560, -3.0551, 31.0756



54.2560, -34.0103, 24.2197

Sweetspot

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



54.2560, -2.7405, -61.8946



84.3657, -12.7779, -14.7259



81.6424, -66.7607, 42.0745



38.0841, -6.1861, -8.1665

0.0000, NaN, NaN



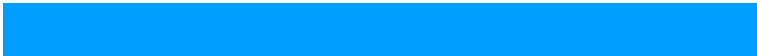
46.2646, -2.4686, 2.5136

Same Dimension

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



54.2560, -2.7405, -61.8946



56.4524, -2.7493, -64.6256



27.8108, 61.5706, -167.6651



42.0041, -3.6458, -0.3545



39.9828, -2.5740, -44.4185



12.6594, -2.0528, -11.3917

Inverse Universe

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



46.7915, 85.0386, -7.8661



48.7322, 88.5614, -8.0908



82.0289, -8.9528, 50.3876



40.8116, 2.6383, 0.3975



34.2245, 62.2783, -6.3163



10.2441, 18.8150, -3.2381

Previews

White Background



This preview shows how the HunterLab color 54.2552, -2.7416, -61.8959 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 54.2552, -2.7416, -61.8959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

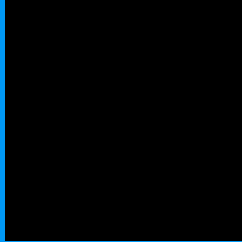
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

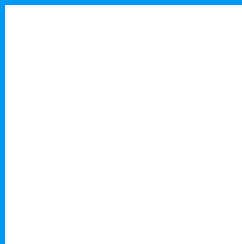
Any Text WCAG AAA × Fail

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

HunterLab 54.2552, -2.7416, -61.8959 Background



This preview shows how black text looks on a background with the HunterLab color 54.2552, -2.7416, -61.8959.



This preview shows how white text looks on a background with the HunterLab color 54.2552, -2.7416, -61.8959.

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

54.2552, -2.7416, -61.8959

Protanopia

54.1996, 9.5172, -54.0816

Deuteranopia

54.2510, 4.9495, -62.6531



Tritanopia

54.1198, -25.9907, -11.5386

Trichromacy



Original Color

54.2552, -2.7416, -61.8959

Protanomaly

53.3487, 2.6263, -58.6999

Deuteranomaly

53.9967, 1.0876, -63.3303

Tritanomaly

53.8640, -18.2386, -27.9533

Monochromacy



Original Color

54.2552, -2.7416, -61.8959

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 54.2552, -2.7416, -61.8959 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 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, 153, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 54.2552, -2.7416, -61.8959 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, 246) }
```


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

```
.border{ border-color:rgb(0, 153, 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, 153, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.2552, -2.7416, -61.8959 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, 246) }
```

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

```
.background{ background-color: rgb(0, 153,  
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](#).

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