

Converting Colors

HunterLab(54.1728, -3.0884,
-61.0442)

Have a look what the booklet for
HunterLab(54.1728, -3.0884,
-61.0442) contains.

HunterLab(54.1987, -3.0510, -61.1574)	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(54.1987, -3.0510,
-61.1574)**

Conversions

Conversions Part 1	
Format	Color
Hex	0099F5
RGB	0, 153, 245
RGB Percent	0%, 60%, 96%
CMY	0.9997, 0.4000, 0.0392
CMYK	1.00, 0.38, 0.00, 0.04
HSL	203°, 100%, 48%
HSV	203°, 100%, 96%
XYZ	27.8726, 29.3750, 90.5870
YIQ	117.7410, -120.7200, -3.8240

Conversions

Conversions Part 2

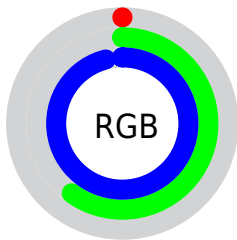
Format	Color
RYB	0, 94, 245
Decimal	39413
CIELab	61.11, -0.19, -55.15
CIELCh	61, 55.153, 269.806
Yxy	29.3759, 0.1885, 0.1987
Android (android.graphics.Color)	4278229493 (0xFF0099F5)
YUV	117.7410, 62.7387, -103.2589
Hunter-Lab	54.1987, -3.0510, -61.1574

Details

The HunterLab color **54.1987, -3.0510, -61.1574** 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 **52.0376, 51.2537, 32.9603**, and the grayscale version is **42.2702, -2.2554, 2.2966**.

A 20% lighter version of the original color is **74.2702, -17.5107, -30.0671**, and **36.5121, 4.1917, -54.6856** is the 20% darker color. If you saturate the color by 10%, you get **54.1912, -3.0382, -61.1757**, and if you desaturate by 10%, it is **57.1895, -6.9818, -54.4420**.

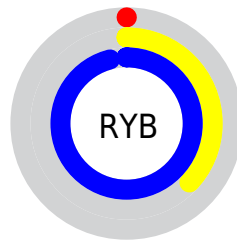
Distribution



Red (0%)

Green (60%)

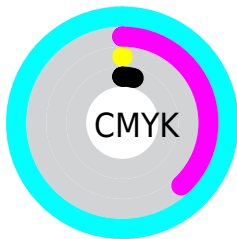
Blue (96%)



Red (0%)

Yellow (37%)

Blue (96%)

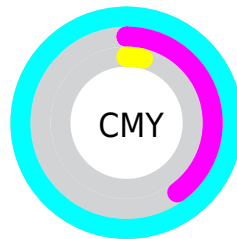


Cyan (100%)

Magenta (38%)

Yellow (0%)

Black (4%)



Cyan (100%)


Magenta (40%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 54.1987, -3.0510, -61.1574 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 54.1987, -3.0510, -61.1574 by changing the saturation by 10% instead.

 54.1987, -3.0510,
-61.1574


 54.1987, -3.0510,
-61.1574


172.9117, -9.4637,
-67.7445

 44.0061, -2.4951,
-60.6672


 76.5988, -4.2653,
-62.5610

 34.5465, -1.9786,
-60.5028

 88.7299, -4.9219,
-63.3436

 25.8827, -1.5036,
-60.9682


 101.4413, -5.6092,
-64.1337

 18.0960, -1.0740,
-62.7434

 114.7077, -6.3258,
-64.9130

 11.2994, -0.6954,
-67.6506

 128.5068, -7.0705,
-65.6699

 3.5086, -0.4196,
-137.0857

142.8187, -7.8423,

0.0000, NaN, -NF

-66.3969

0.0000, NaN, -NF

157.6256, -8.6403,
-67.0894

0.0000, NaN, -NF

■ 54.1987, -3.0510,
-61.1574

■ 54.1987, -3.0510,
-61.1574

■ 54.1912, -3.0382,
-61.1757

■ 57.1895, -6.9818,
-54.4420

■ 60.4375, -10.0989,
-47.6821

■ 63.9690, -12.2805,
-40.8655

■ 67.7779, -13.5340,
-34.0409

■ 71.8507, -13.9066,
-27.2543

■ 76.1706, -13.4664,
-20.5418

■ 80.7198, -12.2897,
-13.9284

■ 85.4806, -10.4535,
-7.4287

■ 90.4363, -8.0311,
-1.0493

Harmonies

Analogous

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



54.1995, -24.0490, -49.7946



54.1987, -3.0510, -61.1574



54.1995, 21.7866, -50.0673

Triad

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



54.1995, -3.0499, -61.1561



54.1995, 42.8187, 20.4384



54.1995, -37.0565, 20.5990

Complementary

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



54.1987, -3.0510, -61.1574



52.0376, 51.2537, 32.9603

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.



54.1995, -23.8230, 28.7657



54.1987, -3.0510, -61.1574



54.1995, 22.1018, 28.7052

Square

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



54.1995, -3.0499, -61.1561



54.1995, 50.8961, 2.8024



54.1995, -2.7396, 30.9288



54.1995, -41.4945, 3.0976

Rectangle

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



54.1987, -3.0510, -61.1574



54.1995, 36.6905, -33.3482



54.1995, -2.7396, 30.9288



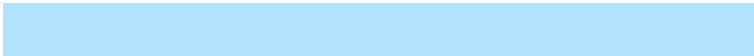
54.1995, -33.6162, 24.2007

Sweetspot

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



54.1995, -3.0499, -61.1561



84.4283, -12.8758, -14.6396



81.2661, -66.4505, 41.8752



38.1172, -6.2375, -8.1196

0.0000, NaN, NaN



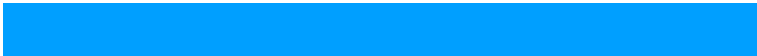
46.2646, -2.4686, 2.5136

Same Dimension

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



54.1995, -3.0499, -61.1561



56.6493, -3.0768, -64.1648



27.6870, 61.2686, -166.8585



42.0128, -3.6599, -0.3440



40.1189, -2.7983, -44.1044



12.6955, -2.1088, -11.3160

Inverse Universe

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



46.5983, 84.7282, -8.1488



48.7553, 88.6445, -8.4145



81.6526, -8.9150, 50.1564



40.8125, 2.6431, 0.3847



34.2406, 62.3362, -6.5417



10.2486, 18.8312, -3.3008

Previews

White Background



This preview shows how the HunterLab color 54.1987, -3.0510, -61.1574 looks on a white background.

Color Contrast Check

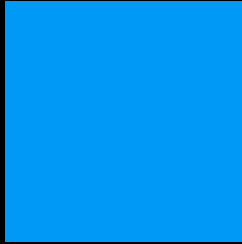
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.1987, -3.0510, -61.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

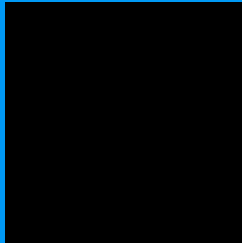
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

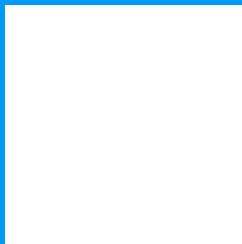
Any Text WCAG AAA × Fail

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

HunterLab 54.1987, -3.0510, -61.1574 Background



This preview shows how black text looks on a background with the HunterLab color 54.1987, -3.0510, -61.1574.



This preview shows how white text looks on a background with the HunterLab color 54.1987, -3.0510, -61.1574.

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

54.1987, -3.0510, -61.1574

Protanopia

54.1458, 9.2346, -53.3703

Deuteranopia

54.2709, 4.9024, -61.7248





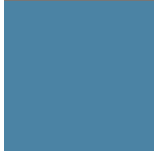
Tritanopia

54.1198, -25.9907, -11.5386

Trichromacy

	Original Color 54.1987, -3.0510, -61.1574
	Protanomaly 53.2931, 2.3274, -57.9708
	Deuteranomaly 53.9858, 0.9362, -62.4731
	Tritanomaly 53.8204, -18.4899, -27.3566

Monochromacy

	Original Color 54.1987, -3.0510, -61.1574
	Achromatopsia 42.5634, -2.2711, 2.3126
	Achromatomaly 45.1761, -9.0476, -18.4159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.1987, -3.0510, -61.1574 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 54.1987, -3.0510, -61.1574 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, 245) }
```


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

```
.border{ border-color:rgb(0, 153, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.1987, -3.0510, -61.1574 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, 245) }
```

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

```
.background{ background-color: rgb(0, 153,  
245) }
```

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