

Converting Colors

HunterLab(48.5160, -16.3467,
-118.4619)

Have a look what the booklet for
HunterLab(48.5160, -16.3467,
-118.4619) contains.

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Color

**HunterLab(54.4761, 0.6018,
-69.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	0098FF
RGB	0, 152, 255
RGB Percent	0%, 60%, 100%
CMY	0.9997, 0.4039, 0.0000
CMYK	1.00, 0.40, 0.00, 0.00
HSL	204°, 100%, 50%
HSV	204°, 100%, 100%
XYZ	29.2782, 29.6765, 98.7927
YIQ	118.2940, -123.6550, -0.1910

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 95, 255
Decimal	39167
CIE Lab	61.37, 4.17, -60.22
CIE LCh	61, 60.360, 273.964
Yxy	29.6773, 0.1856, 0.1881
Android (android.graphics.Color)	4278229247 (0xFF0098FF)
YUV	118.2940, 67.3961, -103.7438
Hunter-Lab	54.4761, 0.6018, -69.3895

Details

The HunterLab color **54.4761, 0.6018, -69.3895** 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 **55.6558, 50.4491, 35.1757**, and the grayscale version is **42.4680, -2.2660, 2.3074**.

A 20% lighter version of the original color is **74.0320, -16.7074, -30.4428**, and **36.8510, 7.8990, -63.1122** is the 20% darker color. If you saturate the color by 10%, you get **54.4672, 0.6171, -69.4115**, and if you desaturate by 10%, it is **57.7771, -3.9799, -61.5527**.

Distribution



- Red (0%)
- Green (60%)
- Blue (100%)



- Red (0%)
- Yellow (37%)
- Blue (100%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.4761, 0.6018, -69.3895 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 54.4761, 0.6018, -69.3895 by changing the saturation by 10% instead.

■ 54.4761, 0.6018,
-69.3895

■ 54.4761, 0.6018,
-69.3895

■ 173.3197, -4.1257,
-76.2399

■ 44.2648, 0.9195,
-69.0458

■ 76.9100, -0.1775,
-70.6903

■ 34.7852, 1.1799,
-69.1432

■ 89.0567, -0.6332,
-71.4788

■ 26.0996, 1.3762,
-70.0654

■ 101.7830, -1.1285,
-72.2983

■ 18.2886, 1.4971,
-72.6656

■ 115.0636, -1.6610,
-73.1240

■ 11.4641, 1.5248,
-79.2106

■ 128.8764, -2.2286,
-73.9399

■ 3.9012, 4.4521,
-148.9294

143.2016, -2.8296,

0.0000, NaN, -NF

-74.7355

0.0000, NaN, -NF

158.0213, -3.4624,
-75.5037

0.0000, NaN, -NF

■ 54.4761, 0.6018,
-69.3895

■ 54.4761, 0.6018,
-69.3895

■ 54.4672, 0.6171,
-69.4115

■ 57.7771, -3.9799,
-61.5527

■ 61.3697, -7.6686,
-53.7202

■ 65.2764, -10.3451,
-45.8896

■ 69.4862, -12.0259,
-38.1187

■ 73.9813, -12.7701,
-30.4570

■ 78.7409, -12.6574,
-22.9392

■ 83.7437, -11.7744,
-15.5853

■ 88.9697, -10.2065,
-8.4033

■ 94.3998, -8.0334,
-1.3925

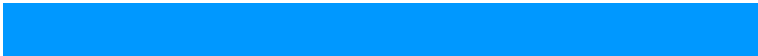
Harmonies

Analogous

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



54.4769, -23.2331, -59.7278



54.4761, 0.6018, -69.3895



54.4769, 28.0558, -53.3436

Triad

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



54.4769, 0.6028, -69.3876



54.4769, 45.2712, 23.4612



54.4769, -41.0644, 20.0330

Complementary

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



54.4761, 0.6018, -69.3895



55.6558, 50.4491, 35.1757

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.



54.4769, -28.2058, 29.5587



54.4761, 0.6018, -69.3895



54.4769, 20.9135, 30.7832

Square

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



54.4769, 0.6028, -69.3876



54.4769, 56.7353, 6.1631



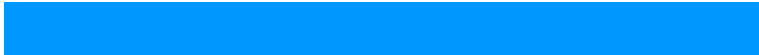
54.4769, -6.3353, 32.3265



54.4769, -44.4771, -0.4388

Rectangle

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



54.4761, 0.6018, -69.3895



54.4769, 43.8986, -33.2567



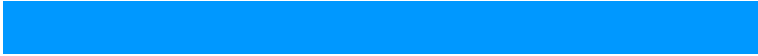
54.4769, -6.3353, 32.3265



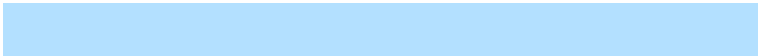
54.4769, -37.8401, 24.2368

Sweetspot

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



54.4769, 0.6028, -69.3876



83.7284, -11.7781, -15.6070



85.1356, -68.9758, 42.4901



37.7478, -5.6618, -8.6455

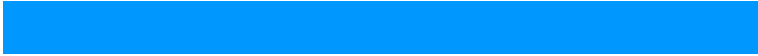
0.0000, NaN, NaN



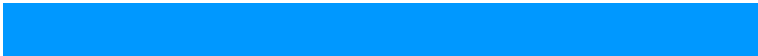
46.2646, -2.4686, 2.5136

Same Dimension

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



54.4769, 0.6028, -69.3876



54.4672, 0.6171, -69.4115



28.1786, 67.3130, -180.5205



43.7928, -3.6636, -0.4951



39.7520, -0.2067, -49.2403



13.2404, -1.4494, -13.4204

Inverse Universe

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



48.5064, 87.7334, -4.8849



48.5036, 87.7357, -4.8725



88.0796, -13.4941, 54.0365



42.6249, 2.7271, 0.5442



35.1044, 63.5767, -4.1321



11.0522, 20.1930, -2.6698

Previews

White Background



This preview shows how the HunterLab color 54.4761, 0.6018, -69.3895 looks on a white background.

Color Contrast Check

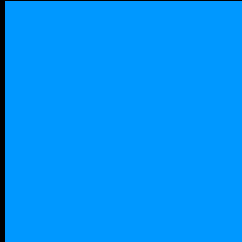
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4761, 0.6018, -69.3895 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

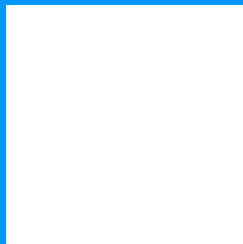
Any Text WCAG AAA × Fail

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

HunterLab 54.4761, 0.6018, -69.3895 Background



This preview shows how black text looks on a background with the HunterLab color 54.4761, 0.6018, -69.3895.



This preview shows how white text looks on a background with the HunterLab color 54.4761, 0.6018,

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

54.4761, 0.6018, -69.3895

Protanopia

54.4105, 11.3057, -62.1618

Deuteranopia

54.5041, 5.2315, -69.2383



Tritanopia

54.4482, -26.3954, -11.0754

Trichromacy



Original Color

54.4761, 0.6018, -69.3895

Protanomaly

53.7846, 5.2278, -66.4669

Deuteranomaly

54.2808, 2.9818, -69.8387

Tritanomaly

54.3150, -17.9203, -29.2043

Monochromacy



Original Color

54.4761, 0.6018, -69.3895

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

45.0425, -7.6813, -21.1433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.4761, 0.6018, -69.3895 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, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 255)  
}
```

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, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 54.4761, 0.6018, -69.3895 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, 152, 255) }
```


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

```
.border{ border-color:rgb(0, 152, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 152, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.4761, 0.6018, -69.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 255) }
```

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

```
.background{ background-color: rgb(0, 152,  
255) }
```

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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