

Converting Colors

HunterLab(43.5386, -36.9633,
-72.4003)

Have a look what the booklet for
HunterLab(43.5386, -36.9633,
-72.4003) contains.

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Color

**HunterLab(51.6971, -6.0313,
-51.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	0094E3
RGB	0, 148, 227
RGB Percent	0%, 58%, 89%
CMY	0.9998, 0.4196, 0.1098
CMYK	1.00, 0.35, 0.00, 0.11
HSL	201°, 100%, 45%
HSV	201°, 100%, 89%
XYZ	24.4551, 26.7259, 76.5428
YIQ	112.7540, -113.5670, -6.8070

Conversions

Conversions Part 2

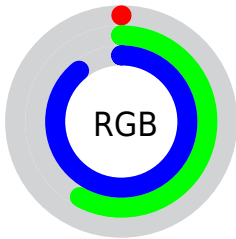
Format	Color
RYB	0, 90, 227
Decimal	38115
CIELab	58.72, -4.05, -49.00
CIELCh	59, 49.172, 265.273
Yxy	26.7267, 0.1915, 0.2092
Android (android.graphics.Color)	4278228195 (0xFF0094E3)
YUV	112.7540, 56.3233, -98.8853
Hunter-Lab	51.6971, -6.0313, -51.5969

Details

The HunterLab color **51.6971, -6.0313, -51.5969** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **46.8314, 49.4652, 29.7211**, and the grayscale version is **40.3714, -2.1541, 2.1935**.

A 20% lighter version of the original color is **72.4323, -15.8690, -33.0873**, and **34.1696, 1.4192, -45.7726** is the 20% darker color. If you saturate the color by 10%, you get **51.6911, -6.0215, -51.6107**, and if you desaturate by 10%, it is **54.2863, -9.2289, -46.0829**.

Distribution



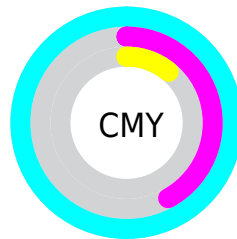
- Red (0%)
- Green (58%)
- Blue (89%)



- Red (0%)
- Yellow (35%)
- Blue (89%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6971, -6.0313, -51.5969 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 51.6971, -6.0313, -51.5969 by changing the saturation by 10% instead.

■ 51.6971, -6.0313,
-51.5969

■ 51.6971, -6.0313,
-51.5969

169.2134,
-13.9254, -57.6555

■ 41.6751, -5.2625,
-51.0221

■ 73.7869, -7.6316,
-53.0186

■ 32.3995, -4.5152,
-50.6889

■ 85.7750, -8.4656,
-53.7632

■ 23.9372, -3.7863,
-50.8548

■ 98.3501, -9.3216,
-54.4953

■ 16.3754, -3.0708,
-52.1223

■ 111.4859,
-10.1996, -55.2018

■ 9.8378, -2.3619,
-56.2109

■ 125.1595,
-11.0993, -55.8749

0.0000, NaN, -NF

0.0000, NaN, -NF

139.3504,

-12.0204, -56.5097

0.0000, NaN, -NF

154.0405,
-12.9625, -57.1038

0.0000, NaN, NaN

■ 51.6971, -6.0313,
-51.5969

■ 51.6971, -6.0313,
-51.5969

■ 51.6911, -6.0215,
-51.6107

■ 54.2863, -9.2289,
-46.0829

■ 57.0928, -11.7188,
-40.4954

■ 60.1454, -13.3791,
-34.8130

■ 63.4415, -14.2105,
-29.0744

■ 66.9719, -14.2488,
-23.3195

■ 70.7235, -13.5493,
-17.5827

■ 74.6822, -12.1763,
-11.8899

■ 78.8333, -10.1963,
-6.2592

■ 83.1626, -7.6735,
-0.7019

Harmonies

Analogous

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



51.6979, -23.7139, -39.4774



51.6971, -6.0313, -51.5969



51.6979, 15.5321, -45.0437

Triad

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



51.6979, -6.0304, -51.5958



51.6979, 38.8130, 16.6152



51.6979, -31.8089, 20.1938

Complementary

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



51.6971, -6.0313, -51.5969



46.8314, 49.4652, 29.7211

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.



51.6979, -18.8187, 26.8164



51.6971, -6.0313, -51.5969



51.6979, 22.1722, 25.4000

Square

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



51.6979, -6.0304, -51.5958



51.6979, 43.6760, -0.4354



51.6979, 0.5912, 28.2493



51.6979, -37.0150, 5.8654

Rectangle

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



51.6971, -6.0313, -51.5969



51.6979, 28.9883, -31.9499



51.6979, 0.5912, 28.2493



51.6979, -28.3190, 23.1306

Sweetspot

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



51.6979, -6.0304, -51.5958



85.1086, -13.9349, -13.7079



74.4693, -61.3741, 39.4118



38.4765, -6.7926, -7.6138

0.0000, NaN, NaN



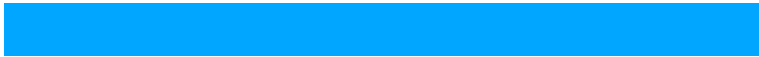
46.2646, -2.4686, 2.5136

Same Dimension

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



51.6979, -6.0304, -51.5958



58.8023, -6.5890, -59.2740



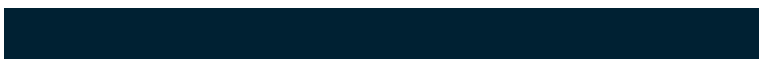
26.3160, 52.6757, -146.5962



39.3033, -3.5495, -0.1977



39.7607, -5.0533, -38.7888



11.5779, -2.5580, -8.9493

Inverse Universe

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



42.9773, 78.5671, -10.7941



49.0120, 89.5691, -12.0083



72.6655, -4.5505, 44.6951



38.1124, 2.4829, 0.2423



32.8537, 60.1267, -8.7218



9.0277, 16.6919, -3.7139

Previews

White Background



This preview shows how the HunterLab color 51.6971, -6.0313, -51.5969 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 51.6971, -6.0313, -51.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

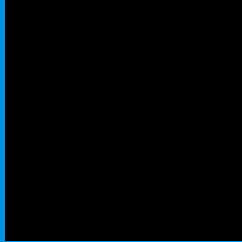
Any Text WCAG AA ✓ Pass

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 51.6971, -6.0313, -51.5969 Background



This preview shows how black text looks on a background with the HunterLab color 51.6971, -6.0313, -51.5969.

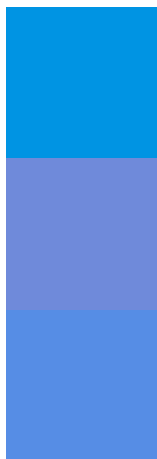


This preview shows how white text looks on a background with the HunterLab color 51.6971, -6.0313, -51.5969.

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

51.6971, -6.0313, -51.5969

Protanopia

51.5930, 7.6199, -44.3003

Deuteranopia

51.6578, 4.6420, -53.1683



Tritanopia

51.5431, -24.8739, -10.7288

Trichromacy



Original Color

51.6971, -6.0313, -51.5969

Protanomaly

50.8980, -0.2645, -48.3270

Deuteranomaly

51.3422, -1.0114, -53.1419

Tritanomaly

51.4360, -18.6055, -24.1266

Monochromacy



Original Color

51.6971, -6.0313, -51.5969

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.1654, -9.5156, -15.5603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6971, -6.0313, -51.5969 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, 148, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 227)  
}
```

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, 148, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6971, -6.0313, -51.5969 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, 148, 227) }
```


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

```
.border{ border-color:rgb(0, 148, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6971, -6.0313, -51.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 227) }
```

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

```
.background{ background-color: rgb(0, 148,  
227) }
```

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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