

Converting Colors

HunterLab(40.5851, -30.7891,
-86.0984)

Have a look what the booklet for
HunterLab(40.5851, -30.7891,
-86.0984) contains.

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Color

**HunterLab(48.9351, 0.1289,
-61.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	008AE7
RGB	0, 138, 231
RGB Percent	0%, 54%, 91%
CMY	0.9998, 0.4588, 0.0941
CMYK	1.00, 0.40, 0.00, 0.09
HSL	204°, 100%, 45%
HSV	204°, 100%, 91%
XYZ	23.5122, 23.9464, 78.9841
YIQ	107.3400, -112.1010, -0.3330

Conversions

Conversions Part 2

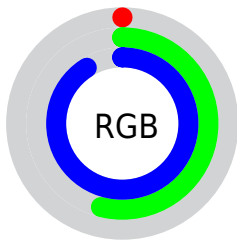
Format	Color
RYB	0, 86, 231
Decimal	35559
CIELab	56.03, 3.38, -55.51
CIELCh	56, 55.609, 273.488
Yxy	23.9472, 0.1860, 0.1894
Android (android.graphics.Color)	4278225639 (0xFF008AE7)
YUV	107.3400, 60.9644, -94.1372
Hunter-Lab	48.9351, 0.1289, -61.4430

Details

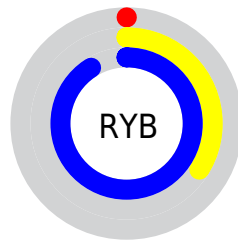
The HunterLab color **48.9351, 0.1289, -61.4430** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **49.8279, 44.8997, 31.4878**, and the grayscale version is **38.2865, -2.0429, 2.0802**.

A 20% lighter version of the original color is **68.9534, -10.3259, -39.0410**, and **31.9998, 7.0905, -55.3034** is the 20% darker color. If you saturate the color by 10%, you get **48.9284, 0.1407, -61.4600**, and if you desaturate by 10%, it is **51.8801, -3.8737, -54.4993**.

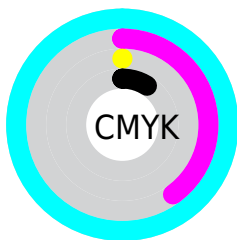
Distribution



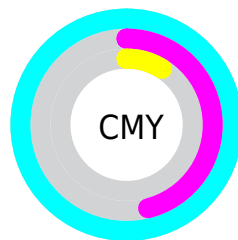
- Red (0%)
- Green (54%)
- Blue (91%)



- Red (0%)
- Yellow (34%)
- Blue (91%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9351, 0.1289, -61.4430 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 48.9351, 0.1289, -61.4430 by changing the saturation by 10% instead.

■ 48.9351, 0.1289,
-61.4430

■ 48.9351, 0.1289,
-61.4430

165.0919, -4.7274,
-67.9964

■ 39.1081, 0.4618,
-61.1044

■ 70.6710, -0.6806,
-62.7290

■ 30.0438, 0.7370,
-61.2292

■ 82.4965, -1.1512,
-63.4976

■ 21.8136, 0.9471,
-62.2747

■ 94.9167, -1.6611,
-64.2887

■ 14.5127, 1.0795,
-65.3504

■ 107.9043, -2.2080,
-65.0786

■ 8.1737, 1.3671,
-74.9698

■ 121.4356, -2.7897,
-65.8523

0.0000, NaN, -NF

0.0000, NaN, -NF

135.4894, -3.4045,

-66.6001

0.0000, NaN, -NF

150.0471, -4.0509,
-67.3161

0.0000, NaN, NaN

■ 48.9351, 0.1289,
-61.4430

■ 48.9351, 0.1289,
-61.4430

■ 48.9284, 0.1407,
-61.4600

■ 51.8801, -3.8737,
-54.4993

■ 55.0792, -7.0961,
-47.5663

■ 58.5551, -9.4240,
-40.6343

■ 62.2981, -10.8736,
-33.7539

■ 66.2924, -11.4974,
-26.9683

■ 70.5199, -11.3656,
-20.3076

■ 74.9621, -10.5540,
-13.7894

■ 79.6012, -9.1376,
-7.4211

■ 84.4208, -7.1863,
-1.2024

Harmonies

Analogous

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



48.9358, -20.9766, -52.5545



48.9351, 0.1289, -61.4430



48.9358, 24.5119, -47.5872

Triad

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



48.9358, 0.1300, -61.4418



48.9358, 40.4232, 20.7696



48.9358, -36.4755, 18.0722

Complementary

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



48.9351, 0.1289, -61.4430



49.8279, 44.8997, 31.4878

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.



48.9358, -24.8748, 26.4837



48.9351, 0.1289, -61.4430



48.9358, 18.9330, 27.4539

Square

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



48.9358, 0.1300, -61.4418



48.9358, 50.3459, 5.1758



48.9358, -5.2983, 28.9101



48.9358, -39.6540, 0.0109

Rectangle

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



48.9351, 0.1289, -61.4430



48.9358, 38.6481, -29.9079



48.9358, -5.2983, 28.9101



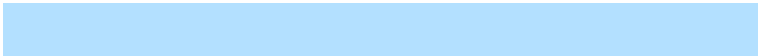
48.9358, -33.5536, 21.7830

Sweetspot

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



48.9358, 0.1300, -61.4418



83.7614, -11.8299, -15.5613



76.1137, -61.6061, 37.8571



37.7651, -5.6890, -8.6206

0.0000, NaN, NaN



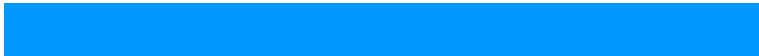
46.2646, -2.4686, 2.5136

Same Dimension

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



48.9358, 0.1300, -61.4418



54.5691, 0.4415, -69.1596



25.2762, 59.8187, -160.7160



39.1301, -3.2675, -0.4074



36.9736, -0.4742, -45.1901



10.9139, -1.5404, -10.3163

Inverse Universe

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



43.3882, 78.5251, -4.7474



48.5152, 87.7774, -5.0355



78.7752, -12.1227, 48.3274



38.0944, 2.3864, 0.4982



32.5235, 58.9366, -4.0936



8.9439, 16.3913, -2.5512

Previews

White Background



This preview shows how the HunterLab color 48.9351, 0.1289, -61.4430 looks on a white background.

Color Contrast Check

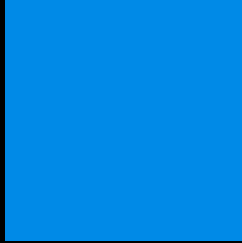
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9351, 0.1289, -61.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

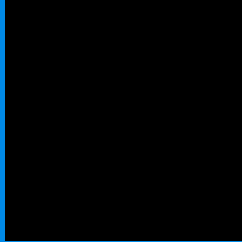
Any Text WCAG AA ✓ Pass

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 48.9351, 0.1289, -61.4430 Background



This preview shows how black text looks on a background with the HunterLab color 48.9351, 0.1289, -61.4430.



This preview shows how white text looks on a background with the HunterLab color 48.9351, 0.1289, -61.4430.

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

48.9351, 0.1289, -61.4430

Protanopia

48.7647, 10.4058, -55.5114

Deuteranopia

48.9555, 4.7713, -62.2106



Tritanopia

48.9879, -23.7649, -9.9289

Trichromacy



Original Color

48.9351, 0.1289, -61.4430

Protanomaly

48.2512, 4.7754, -59.4833

Deuteranomaly

48.7769, 2.6987, -62.6954

Tritanomaly

48.7376, -16.1349, -26.0872

Monochromacy



Original Color

48.9351, 0.1289, -61.4430

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

40.5621, -7.0427, -18.5504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9351, 0.1289, -61.4430 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, 138, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 231)  
}
```

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, 138, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9351, 0.1289, -61.4430 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, 138, 231) }
```


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

```
.border{ border-color:rgb(0, 138, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9351, 0.1289, -61.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 231) }
```

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

```
.background{ background-color: rgb(0, 138,  
231) }
```

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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