

Converting Colors

HunterLab(45.6220, -32.9025,
-83.5850)

Have a look what the booklet for
HunterLab(45.6220, -32.9025,
-83.5850) contains.

HunterLab(53.5396, -2.3574, -61.8309)	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(53.5396, -2.3574,
-61.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	0097F4
RGB	0, 151, 244
RGB Percent	0%, 59%, 96%
CMY	0.9997, 0.4078, 0.0431
CMYK	1.00, 0.38, 0.00, 0.04
HSL	203°, 100%, 48%
HSV	203°, 100%, 96%
XYZ	27.3957, 28.6649, 89.6769
YIQ	116.4530, -119.8490, -3.0890

Conversions

Conversions Part 2

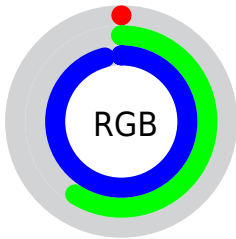
Format	Color
R _Y B	0, 93, 244
Decimal	38900
CIE Lab	60.49, 0.61, -55.60
CIE LCh	60, 55.604, 270.626
Yxy	28.6658, 0.1880, 0.1967
Android (android.graphics.Color)	4278228980 (0xFF0097F4)
YUV	116.4530, 62.8807, -102.1293
Hunter-Lab	53.5396, -2.3574, -61.8309

Details

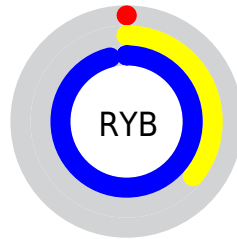
The HunterLab color **53.5396, -2.3574, -61.8309** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **52.0328, 50.3807, 32.9421**, and the grayscale version is **41.7721, -2.2289, 2.2696**.

A 20% lighter version of the original color is **73.5757, -16.7021, -31.1938**, and **35.9099, 4.8761, -55.4103** is the 20% darker color. If you saturate the color by 10%, you get **53.5321, -2.3445, -61.8493**, and if you desaturate by 10%, it is **56.5498, -6.3478, -55.0014**.

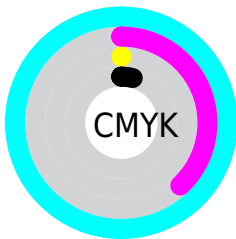
Distribution



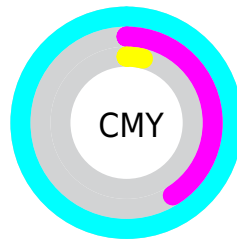
- Red (0%)
- Green (59%)
- Blue (96%)



- Red (0%)
- Yellow (36%)
- Blue (96%)



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



- Cyan (100%)
- Magenta (41%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5396, -2.3574, -61.8309 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 53.5396, -2.3574, -61.8309 by changing the saturation by 10% instead.

■ 53.5396, -2.3574,
-61.8309

■ 53.5396, -2.3574,
-61.8309

171.9403, -8.4416,
-68.4442

■ 43.3914, -1.8482,
-61.3677

■ 75.8588, -3.4866,
-63.2158

■ 33.9796, -1.3820,
-61.2540

■ 87.9526, -4.1040,
-63.9983

■ 25.3682, -0.9621,
-61.8157

■ 100.6285, -4.7539,
-64.7919

■ 17.6398, -0.5938,
-63.7885

■ 113.8608, -5.4346,
-65.5771

■ 10.9100, -0.2855,
-69.1724

■ 127.6271, -6.1448,
-66.3414

■ 2.3184, 1.0186,
-204.8603

141.9074, -6.8834,

0.0000, NaN, -NF

-67.0771

0.0000, NaN, -NF

156.6838, -7.6493,
-67.7791

0.0000, NaN, -NF

■ 53.5396, -2.3574,
-61.8309

■ 53.5396, -2.3574,
-61.8309

■ 53.5321, -2.3445,
-61.8493

■ 56.5498, -6.3478,
-55.0014

■ 59.8193, -9.5227,
-48.1376

■ 63.3738, -11.7614,
-41.2285

■ 67.2063, -13.0734,
-34.3236

■ 71.3027, -13.5073,
-27.4692

■ 75.6457, -13.1324,
-20.7005

■ 80.2171, -12.0257,
-14.0413

■ 84.9992, -10.2646,
-7.5048

■ 89.9749, -7.9225,
-1.0962

Harmonies

Analogous

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



53.5404, -23.5905, -50.9020



53.5396, -2.3574, -61.8309



53.5404, 22.6245, -50.0113

Triad

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



53.5404, -2.3563, -61.8297



53.5404, 42.7088, 20.7461



53.5404, -37.3141, 20.2305

Complementary

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



53.5396, -2.3574, -61.8309



52.0328, 50.3807, 32.9421

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.



53.5404, -24.3201, 28.5376



53.5396, -2.3574, -61.8309



53.5404, 21.6013, 28.7302

Square

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



53.5404, -2.3563, -61.8297



53.5404, 51.2864, 3.3901



53.5404, -3.3612, 30.7912



53.5404, -41.5034, 2.4342

Rectangle

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



53.5396, -2.3574, -61.8309



53.5404, 37.5038, -32.9027



53.5404, -3.3612, 30.7912



53.5404, -33.9583, 23.8931

Sweetspot

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



53.5404, -2.3563, -61.8297



84.2893, -12.6584, -14.8311



80.8902, -66.1407, 41.6761



38.0438, -6.1235, -8.2237

0.0000, NaN, NaN



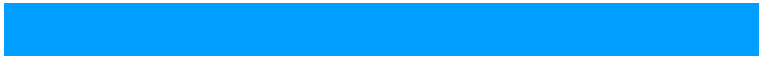
46.2646, -2.4686, 2.5136

Same Dimension

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



53.5404, -2.3563, -61.8297



56.2130, -2.3495, -65.1894



27.5634, 60.9669, -166.0528



41.9935, -3.6285, -0.3673



39.8172, -2.3001, -44.8028



12.6155, -1.9844, -11.4844

Inverse Universe

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



46.3348, 84.1636, -7.4403



48.7043, 88.4605, -7.6980



81.2767, -8.8772, 49.9255



40.8105, 2.6324, 0.4132



34.2050, 62.2080, -6.0428



10.2386, 18.7954, -3.1620

Previews

White Background



This preview shows how the HunterLab color 53.5396, -2.3574, -61.8309 looks on a white background.

Color Contrast Check

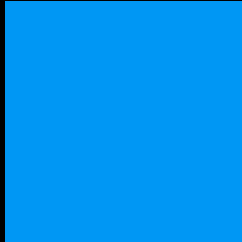
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5396, -2.3574, -61.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

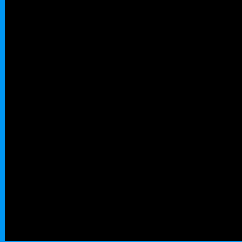
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

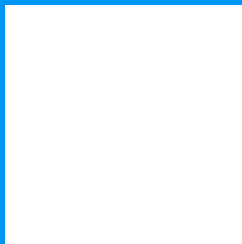
Any Text WCAG AAA × Fail

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

HunterLab 53.5396, -2.3574, -61.8309 Background



This preview shows how black text looks on a background with the HunterLab color 53.5396, -2.3574, -61.8309.

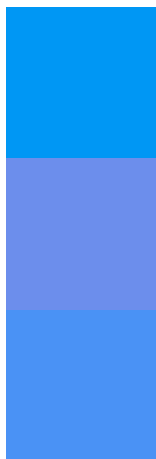


This preview shows how white text looks on a background with the HunterLab color 53.5396, -2.3574,

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

53.5396, -2.3574, -61.8309

Protanopia

53.4699, 9.9081, -54.8734

Deuteranopia

53.4848, 5.1365, -62.7156



Tritanopia

53.3918, -25.6097, -11.4511

Trichromacy



Original Color

53.5396, -2.3574, -61.8309

Protanomaly

52.6764, 3.2385, -59.3985

Deuteranomaly

53.2698, 1.4185, -63.2996

Tritanomaly

53.1389, -17.8638, -27.8561

Monochromacy



Original Color

53.5396, -2.3574, -61.8309

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

44.4980, -8.5335, -18.8987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5396, -2.3574, -61.8309 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, 151, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 244)  
}
```

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, 151, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 244) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5396, -2.3574, -61.8309 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, 151, 244) }
```


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

```
.border{ border-color:rgb(0, 151, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
244) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5396, -2.3574, -61.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 244) }
```

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

```
.background{ background-color: rgb(0, 151,  
244) }
```

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