

Converting Colors

HunterLab(52.8675, -4.9859,
-55.3166)

Have a look what the booklet for
HunterLab(52.8675, -4.9859,
-55.3166) contains.

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Color

**HunterLab(53.0390, -5.1080,
-55.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	0097EB
RGB	0, 151, 235
RGB Percent	0%, 59%, 92%
CMY	0.9998, 0.4078, 0.0784
CMYK	1.00, 0.36, 0.00, 0.08
HSL	201°, 100%, 46%
HSV	201°, 100%, 92%
XYZ	26.0620, 28.1314, 82.6535
YIQ	115.4270, -116.9600, -5.8880

Conversions

Conversions Part 2

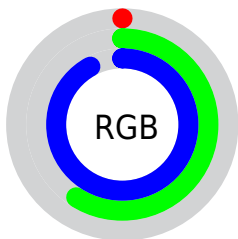
Format	Color
R _Y B	0, 92, 235
Decimal	38891
CIE _{Lab}	60.01, -2.78, -51.40
CIE _{LCh}	60, 51.472, 266.900
Yxy	28.1322, 0.1905, 0.2056
Android (android.graphics.Color)	4278228971 (0xFF0097EB)
YUV	115.4270, 58.9495, -101.2295
Hunter-Lab	53.0390, -5.1080, -55.2675

Details

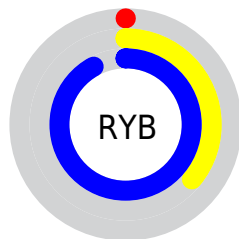
The HunterLab color **53.0390, -5.1080, -55.2675** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **49.0028, 50.6140, 31.0792**, and the grayscale version is **41.3899, -2.2085, 2.2488**.

A 20% lighter version of the original color is **73.4904, -17.0137, -31.3402**, and **35.4430, 2.3904, -49.4609** is the 20% darker color. If you saturate the color by 10%, you get **53.0327, -5.0974, -55.2824**, and if you desaturate by 10%, it is **55.7874, -8.5833, -49.3070**.

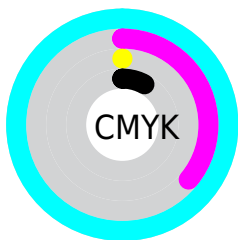
Distribution



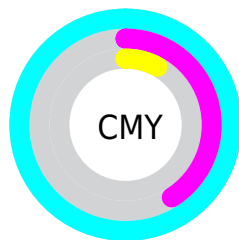
- Red (0%)
- Green (59%)
- Blue (92%)



- Red (0%)
- Yellow (36%)
- Blue (92%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0390, -5.1080, -55.2675 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 53.0390, -5.1080, -55.2675 by changing the saturation by 10% instead.

■ 53.0390, -5.1080,
-55.2675

■ 53.0390, -5.1080,
-55.2675

171.2011,
-12.5204, -61.5516

■ 42.9248, -4.4092,
-54.7147

■ 75.2964, -6.5821,
-56.6937

■ 33.5497, -3.7381,
-54.4292

■ 87.3617, -7.3582,
-57.4562

■ 24.9783, -3.0936,
-54.6794

■ 100.0104, -8.1594,
-58.2129

■ 17.2947, -2.4742,
-56.0790

■ 113.2166, -8.9850,
-58.9491

■ 10.6163, -1.8756,
-60.3199

■ 126.9579, -9.8345,
-59.6557

■ 0.2979, -0.5213,
-1335.2853

141.2141,

0.0000, NaN, -NF

-10.7072, -60.3270

0.0000, NaN, -NF

155.9672,
-11.6027, -60.9596

0.0000, NaN, NaN

■ 53.0390, -5.1080,
-55.2675

■ 53.0390, -5.1080,
-55.2675

■ 53.0327, -5.0974,
-55.2824

■ 55.7874, -8.5833,
-49.3070

■ 58.7687, -11.3077,
-43.2801

■ 62.0109, -13.1588,
-37.1687

■ 65.5104, -14.1392,
-31.0151

■ 69.2564, -14.2888,
-24.8618

■ 73.2347, -13.6675,
-18.7444

■ 77.4296, -12.3443,
-12.6890

■ 81.8254, -10.3900,
-6.7129

■ 86.4068, -7.8725,
-0.8260

Harmonies

Analogous

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



53.0398, -24.0643, -43.2524



53.0390, -5.1080, -55.2675



53.0398, 17.7526, -47.1681

Triad

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



53.0398, -5.1070, -55.2663



53.0398, 40.5378, 18.0896



53.0398, -33.8920, 20.5322

Complementary

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



53.0390, -5.1080, -55.2675



49.0028, 50.6140, 31.0792

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.



53.0398, -20.6904, 27.7363



53.0390, -5.1080, -55.2675



53.0398, 22.3729, 26.7848

Square

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



53.0398, -5.1070, -55.2663



53.0398, 46.5094, 0.6586



53.0398, -0.5198, 29.4395



53.0398, -38.8873, 5.0229

Rectangle

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



53.0390, -5.1080, -55.2675



53.0398, 31.8239, -32.7405



53.0398, -0.5198, 29.4395



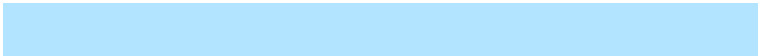
53.0398, -30.3846, 23.7182

Sweetspot

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



53.0398, -5.1070, -55.2663



84.8750, -13.5722, -14.0268



77.4798, -63.6102, 40.4760



38.3532, -6.6025, -7.7869

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.0398, -5.1070, -55.2663



58.0597, -5.3915, -60.9308



26.8674, 56.6660, -155.8991



40.2035, -3.5871, -0.2456



39.8778, -4.3100, -40.5396



11.9558, -2.4248, -9.7092

Inverse Universe

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



44.6072, 81.3924, -10.0043



48.9225, 89.2471, -10.7578



76.7202, -6.6205, 47.1574



39.0090, 2.5363, 0.2888



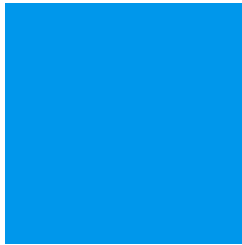
33.3139, 60.8583, -7.9860



9.4325, 17.4026, -3.5889

Previews

White Background



This preview shows how the HunterLab color 53.0390, -5.1080, -55.2675 looks on a white background.

Color Contrast Check

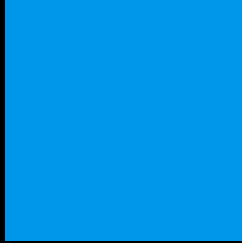
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0390, -5.1080, -55.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

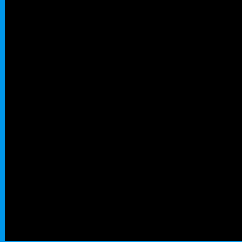
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

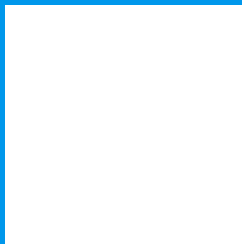
Any Text WCAG AAA × Fail

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

HunterLab 53.0390, -5.1080, -55.2675 Background



This preview shows how black text looks on a background with the HunterLab color 53.0390, -5.1080, -55.2675.

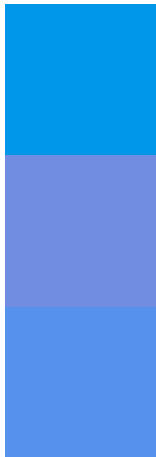


This preview shows how white text looks on a background with the HunterLab color 53.0390, -5.1080,

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

53.0390, -5.1080, -55.2675

Protanopia

52.9013, 8.4277, -47.8957

Deuteranopia

53.1945, 4.7518, -56.4404

Trichromacy



Original Color

53.0390, -5.1080, -55.2675

Protanomaly

52.1992, 0.5250, -52.0244

Deuteranomaly

52.6382, -0.2346, -56.9537

Monochromacy



Original Color

53.0390, -5.1080, -55.2675

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.9977, -9.1430, -17.2503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0390, -5.1080, -55.2675 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0390, -5.1080, -55.2675 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, 235) }
```

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

```
.border{ border-color:rgb(0, 151, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
235) }
```


Background

The CSS property to change the background color of an element to HunterLab 53.0390, -5.1080, -55.2675 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, 235) }
```

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

```
.background{ background-color: rgb(0, 151,  
235) }
```

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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