

Converting Colors

HunterLab(48.9016, -17.1503,
-63.3156)

Have a look what the booklet for
HunterLab(48.9016, -17.1503,
-63.3156) contains.

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Color

**HunterLab(52.3241, -4.7277,
-55.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	0095E9
RGB	0, 149, 233
RGB Percent	0%, 58%, 91%
CMY	0.9998, 0.4157, 0.0863
CMYK	1.00, 0.36, 0.00, 0.09
HSL	202°, 100%, 46%
HSV	202°, 100%, 91%
XYZ	25.4554, 27.3781, 81.0337
YIQ	114.0250, -115.7680, -5.4640

Conversions

Conversions Part 2

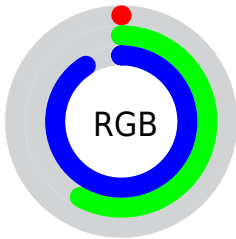
Format	Color
R _Y B	0, 91, 233
Decimal	38377
CIE _{Lab}	59.32, -2.37, -51.38
CIE _{LCh}	59, 51.432, 267.356
Yxy	27.3790, 0.1902, 0.2045
Android (android.graphics.Color)	4278228457 (0xFF0095E9)
YUV	114.0250, 58.6547, -99.9999
Hunter-Lab	52.3241, -4.7277, -55.1948

Details

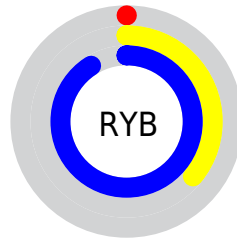
The HunterLab color **52.3241, -4.7277, -55.1948** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **48.6561, 49.7831, 30.8510**, and the grayscale version is **40.8514, -2.1797, 2.2195**.

A 20% lighter version of the original color is **72.7984, -16.2005, -32.4780**, and **34.7822, 2.7551, -49.4223** is the 20% darker color. If you saturate the color by 10%, you get **52.3177, -4.7170, -55.2099**, and if you desaturate by 10%, it is **55.0640, -8.2039, -49.2214**.

Distribution



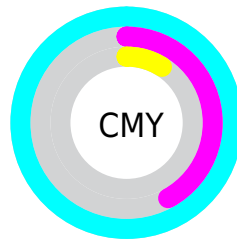
- Red (0%)
- Green (58%)
- Blue (91%)



- Red (0%)
- Yellow (36%)
- Blue (91%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3241, -4.7277, -55.1948 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 52.3241, -4.7277, -55.1948 by changing the saturation by 10% instead.

■ 52.3241, -4.7277,
-55.1948

■ 52.3241, -4.7277,
-55.1948

170.1433,
-11.9612, -61.4810

■ 42.2588, -4.0543,
-54.6546

■ 74.4925, -6.1555,
-56.6124

■ 32.9365, -3.4106,
-54.3940

■ 86.5169, -6.9103,
-57.3743

■ 24.4229, -2.7959,
-54.6957

■ 99.1265, -7.6911,
-58.1318

■ 16.8038, -2.2096,
-56.2119

■ 112.2953, -8.4972,
-58.8695

■ 10.1999, -1.6489,
-60.7724

■ 126.0006, -9.3278,
-59.5780

0.0000, NaN, -NF

0.0000, NaN, -NF

140.2222,

-10.1825, -60.2515

0.0000, NaN, -NF

154.9418,
-11.0604, -60.8865

0.0000, NaN, NaN

■ 52.3241, -4.7277,
-55.1948

■ 52.3241, -4.7277,
-55.1948

■ 52.3177, -4.7170,
-55.2099

■ 55.0640, -8.2039,
-49.2214

■ 58.0357, -10.9347,
-43.1876

■ 61.2670, -12.7989,
-37.0754

■ 64.7538, -13.8001,
-30.9272

■ 68.4850, -13.9786,
-24.7855

■ 72.4463, -13.3947,
-18.6850

■ 76.6221, -12.1170,
-12.6511

■ 80.9966, -10.2159,
-6.7005

■ 85.5547, -7.7588,
-0.8424

Harmonies

Analogous

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



52.3249, -23.6628, -43.4672



52.3241, -4.7277, -55.1948



52.3249, 18.0372, -46.8045

Triad

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



52.3249, -4.7267, -55.1936



52.3249, 40.1952, 18.1375



52.3249, -33.7913, 20.2013

Complementary

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



52.3241, -4.7277, -55.1948



48.6561, 49.7831, 30.8510

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.



52.3249, -20.8042, 27.4252



52.3241, -4.7277, -55.1948



52.3249, 21.9626, 26.6251

Square

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



52.3249, -4.7267, -55.1936



52.3249, 46.3699, 0.9628



52.3249, -0.8343, 29.1698



52.3249, -38.6213, 4.6659

Rectangle

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



52.3241, -4.7277, -55.1948



52.3249, 31.9949, -32.2860



52.3249, -0.8343, 29.1698



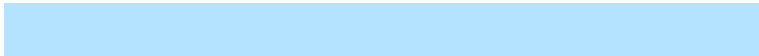
52.3249, -30.3521, 23.3941

Sweetspot

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



52.3249, -4.7267, -55.1936



84.7991, -13.4540, -14.1308



76.7344, -62.9931, 40.0755



38.3130, -6.5406, -7.8433

0.0000, NaN, NaN



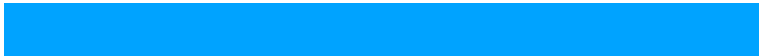
46.2646, -2.4686, 2.5136

Same Dimension

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



52.3249, -4.7267, -55.1936



57.8190, -5.0003, -61.4745



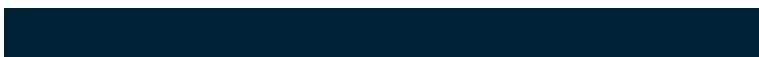
26.6194, 56.0797, -154.3233



40.1935, -3.5708, -0.2577



39.7167, -4.0508, -40.8981



11.9161, -2.3646, -9.7895

Inverse Universe

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



44.1533, 80.5204, -9.5656



48.8937, 89.1435, -10.3549



75.9866, -6.5650, 46.7062



39.0080, 2.5308, 0.3036



33.2945, 60.7883, -7.7145



9.4274, 17.3844, -3.5186

Previews

White Background



This preview shows how the HunterLab color 52.3241, -4.7277, -55.1948 looks on a white background.

Color Contrast Check

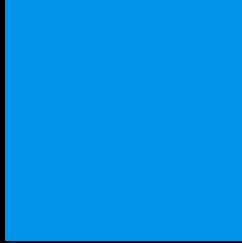
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3241, -4.7277, -55.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

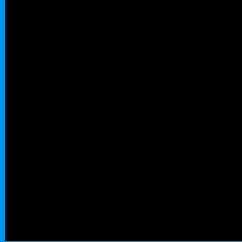
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

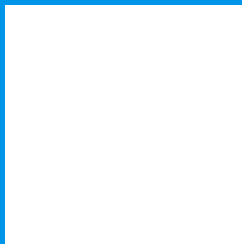
Any Text WCAG AAA × Fail

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

HunterLab 52.3241, -4.7277, -55.1948 Background



This preview shows how black text looks on a background with the HunterLab color 52.3241, -4.7277, -55.1948.

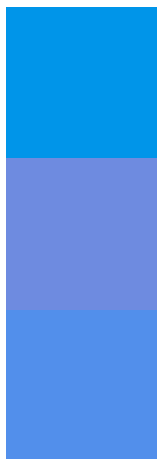


This preview shows how white text looks on a background with the HunterLab color 52.3241, -4.7277, -55.1948.

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

52.3241, -4.7277, -55.1948

Protanopia

52.1172, 8.5217, -47.9631

Deuteranopia

52.3803, 4.7661, -56.6055



Tritanopia

52.2669, -25.2529, -10.8153

Trichromacy



Original Color

52.3241, -4.7277, -55.1948

Protanomaly

51.4714, 0.8316, -51.9812

Deuteranomaly

51.8858, -0.0022, -56.9783

Tritanomaly

52.2001, -18.7336, -24.8051

Monochromacy



Original Color

52.3241, -4.7277, -55.1948

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.6229, -9.1396, -16.6344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.3241, -4.7277, -55.1948 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, 149, 233)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 233)  
}
```

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, 149, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 52.3241, -4.7277, -55.1948 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, 149, 233) }
```


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

```
.border{ border-color:rgb(0, 149, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 233);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.3241, -4.7277, -55.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 233) }
```

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

```
.background{ background-color: rgb(0, 149,  
233) }
```

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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