

Converting Colors

HunterLab(49.9135, -12.9682,
-64.3128)

Have a look what the booklet for
HunterLab(49.9135, -12.9682,
-64.3128) contains.

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Color

**HunterLab(52.5446, -3.5141,
-58.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	0095ED
RGB	0, 149, 237
RGB Percent	0%, 58%, 93%
CMY	0.9997, 0.4157, 0.0706
CMYK	1.00, 0.37, 0.00, 0.07
HSL	202°, 100%, 46%
HSV	202°, 100%, 93%
XYZ	26.0336, 27.6093, 84.0778
YIQ	114.4810, -117.0520, -4.2200

Conversions

Conversions Part 2

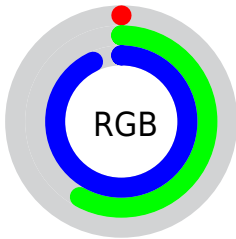
Format	Color
R _{YB}	0, 91, 237
Decimal	38381
CIE _{Lab}	59.53, -0.86, -53.25
CIE _{LCh}	60, 53.261, 269.072
Yxy	27.6102, 0.1890, 0.2005
Android (android.graphics.Color)	4278228461 (0xFF0095ED)
YUV	114.4810, 60.4019, -100.3998
Hunter-Lab	52.5446, -3.5141, -58.0901

Details

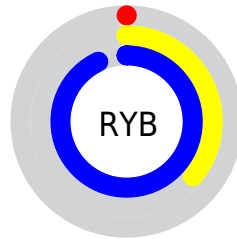
The HunterLab color **52.5446, -3.5141, -58.0901** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **49.9952, 49.6843, 31.6743**, and the grayscale version is **41.0210, -2.1888, 2.2287**.

A 20% lighter version of the original color is **72.8407, -16.0462, -32.4045**, and **35.0141, 3.9909, -52.3798** is the 20% darker color. If you saturate the color by 10%, you get **52.5375, -3.5022, -58.1071**, and if you desaturate by 10%, it is **55.4009, -7.2174, -51.7344**.

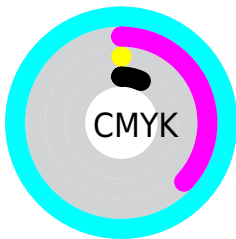
Distribution



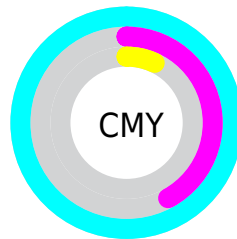
- Red (0%)
- Green (58%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5446, -3.5141, -58.0901 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 52.5446, -3.5141, -58.0901 by changing the saturation by 10% instead.

■ 52.5446, -3.5141,
-58.0901

■ 52.5446, -3.5141,
-58.0901

170.4698,
-10.1525, -64.5336

■ 42.4641, -2.9259,
-57.5882

■ 74.7406, -4.7870,
-59.4923

■ 33.1255, -2.3745,
-57.4027

■ 86.7775, -5.4707,
-60.2646

■ 24.5940, -1.8612,
-57.8426

■ 99.3992, -6.1837,
-61.0398

■ 16.9549, -1.3888,
-59.6166

■ 112.5797, -6.9248,
-61.8005

■ 10.3280, -0.9603,
-64.7000

■ 126.2961, -7.6932,
-62.5358

0.0000, NaN, -NF

0.0000, NaN, -NF

140.5283, -8.4878,

-63.2389

0.0000, NaN, -NF

155.2583, -9.3078,
-63.9057

0.0000, NaN, -NF

■ 52.5446, -3.5141,
-58.0901

■ 52.5446, -3.5141,
-58.0901

■ 52.5375, -3.5022,
-58.1071

■ 55.4009, -7.2174,
-51.7344

■ 58.5007, -10.1468,
-45.3323

■ 61.8705, -12.1820,
-38.8686

■ 65.5049, -13.3294,
-32.3892

■ 69.3915, -13.6335,
-25.9380

■ 73.5144, -13.1583,
-19.5498

■ 77.8570, -11.9762,
-13.2490

■ 82.4025, -10.1605,
-7.0506

■ 87.1352, -7.7809,
-0.9616

Harmonies

Analogous

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



52.5454, -23.4549, -46.8304



52.5446, -3.5141, -58.0901



52.5454, 20.1870, -48.0662

Triad

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



52.5454, -3.5131, -58.0889



52.5454, 41.1597, 19.3306



52.5454, -35.3163, 20.0694

Complementary

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



52.5446, -3.5141, -58.0901



49.9952, 49.6843, 31.6743

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.



52.5454, -22.4203, 27.7824



52.5446, -3.5141, -58.0901



52.5454, 21.6230, 27.5013

Square

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



52.5454, -3.5131, -58.0889



52.5454, 48.4837, 2.1818



52.5454, -2.0962, 29.7765



52.5454, -39.7863, 3.5297

Rectangle

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



52.5446, -3.5141, -58.0901



52.5454, 34.5025, -32.3617



52.5454, -2.0962, 29.7765



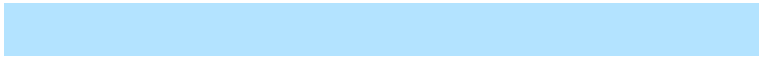
52.5454, -31.9445, 23.4726

Sweetspot

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



52.5454, -3.5131, -58.0889



84.5321, -13.0380, -14.4969



78.2665, -63.9777, 40.2861



38.1720, -6.3225, -8.0421

0.0000, NaN, NaN



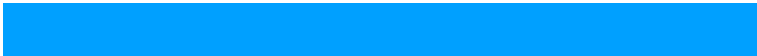
46.2646, -2.4686, 2.5136

Same Dimension

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



52.5454, -3.5131, -58.0889



56.9758, -3.6176, -63.4054



26.7013, 58.8591, -160.4252



40.1584, -3.5136, -0.3002



39.1525, -3.1346, -42.1707



11.7767, -2.1522, -10.0739

Inverse Universe

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



44.9178, 81.7457, -8.4231



48.7937, 88.7830, -8.9533



78.6535, -8.6138, 48.3137



39.0043, 2.5111, 0.3556



33.2269, 60.5452, -6.7696



9.4097, 17.3210, -3.2735

Previews

White Background



This preview shows how the HunterLab color 52.5446, -3.5141, -58.0901 looks on a white background.

Color Contrast Check

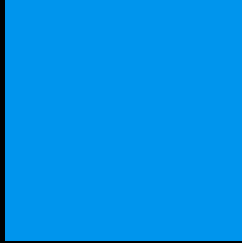
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5446, -3.5141, -58.0901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

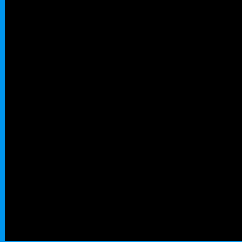
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

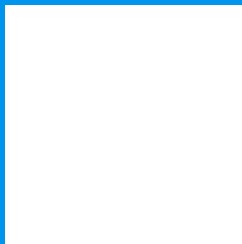
Any Text WCAG AAA × Fail

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

HunterLab 52.5446, -3.5141, -58.0901 Background



This preview shows how black text looks on a background with the HunterLab color 52.5446, -3.5141, -58.0901.

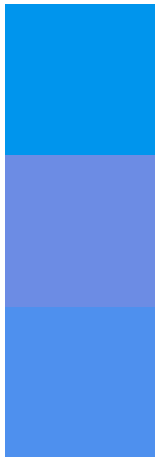


This preview shows how white text looks on a background with the HunterLab color 52.5446, -3.5141, -58.0901.

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

52.5446, -3.5141, -58.0901

Protanopia

52.4840, 8.7079, -50.4240

Deuteranopia

52.6681, 4.5835, -58.5250



Tritanopia

52.6294, -25.4428, -10.8586

Trichromacy



Original Color

52.5446, -3.5141, -58.0901

Protanomaly

51.6523, 1.8799, -54.9194

Deuteranomaly

52.3535, 0.5298, -59.3368

Tritanomaly

52.2855, -18.2399, -25.9777

Monochromacy



Original Color

52.5446, -3.5141, -58.0901

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.7017, -8.6955, -17.7243

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5446, -3.5141, -58.0901 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 52.5446, -3.5141, -58.0901 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, 237) }
```


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

```
.border{ border-color:rgb(0, 149, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.5446, -3.5141, -58.0901 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, 237) }
```

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

```
.background{ background-color: rgb(0, 149,  
237) }
```

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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