

Converting Colors

HunterLab(45.9225, -11.8199,
-67.8431)

Have a look what the booklet for
HunterLab(45.9225, -11.8199,
-67.8431) contains.

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Color

**HunterLab(49.1145, -0.9955,
-59.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	008BE5
RGB	0, 139, 229
RGB Percent	0%, 55%, 90%
CMY	0.9998, 0.4549, 0.1020
CMYK	1.00, 0.39, 0.00, 0.10
HSL	204°, 100%, 45%
HSV	204°, 100%, 90%
XYZ	23.3754, 24.1223, 77.5527
YIQ	107.6990, -111.7340, -1.4780

Conversions

Conversions Part 2

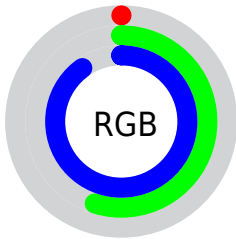
Format	Color
R _{YB}	0, 86, 229
Decimal	35813
CIE _{Lab}	56.21, 2.02, -54.11
CIE _{LCh}	56, 54.148, 272.133
Yxy	24.1231, 0.1869, 0.1929
Android (android.graphics.Color)	4278225893 (0xFF008BE5)
YUV	107.6990, 59.8014, -94.4520
Hunter-Lab	49.1145, -0.9955, -59.2399

Details

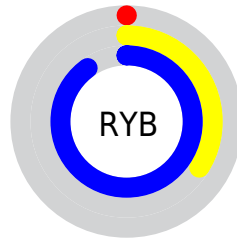
The HunterLab color **49.1145, -0.9955, -59.2399** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **48.9699, 45.4341, 30.9684**, and the grayscale version is **38.4272, -2.0504, 2.0878**.

A 20% lighter version of the original color is **69.2261, -10.9781, -38.5640**, and **32.1395, 5.9542, -53.0249** is the 20% darker color. If you saturate the color by 10%, you get **49.1080, -0.9842, -59.2562**, and if you desaturate by 10%, it is **51.9805, -4.8217, -52.6077**.

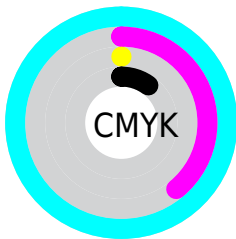
Distribution



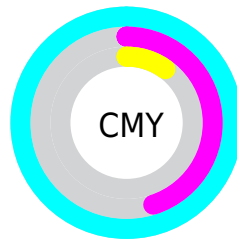
- Red (0%)
- Green (55%)
- Blue (90%)



- Red (0%)
- Yellow (34%)
- Blue (90%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1145, -0.9955, -59.2399 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 49.1145, -0.9955, -59.2399 by changing the saturation by 10% instead.

■ 49.1145, -0.9955,
-59.2399

■ 49.1145, -0.9955,
-59.2399

■ 165.3608, -6.3995,
-65.7222

■ 39.2746, -0.5842,
-58.8477

■ 70.8738, -1.9474,
-60.5633

■ 30.1963, -0.2243,
-58.8742

■ 82.7100, -2.4834,
-61.3311

■ 21.9507, 0.0787,
-59.7383

■ 95.1404, -3.0557,
-62.1138

■ 14.6324, 0.3151,
-62.4546

■ 108.1378, -3.6623,
-62.8898

■ 8.2920, 0.6160,
-70.9807

■ 121.6784, -4.3014,
-63.6457

0.0000, NaN, -NF

0.0000, NaN, -NF

135.7413, -4.9715,

-64.3730

0.0000, NaN, -NF

150.3077, -5.6712,
-65.0663

0.0000, NaN, NaN

■ 49.1145, -0.9955,
-59.2399

■ 49.1145, -0.9955,
-59.2399

■ 49.1080, -0.9842,
-59.2562

■ 51.9805, -4.8217,
-52.6077

■ 55.0914, -7.8871,
-45.9698

■ 58.4713, -10.0764,
-39.3139

■ 62.1119, -11.4030,
-32.6879

■ 65.9988, -11.9160,
-26.1345

■ 70.1148, -11.6822,
-19.6847

■ 74.4425, -10.7750,
-13.3579

■ 78.9648, -9.2670,
-7.1637

■ 83.6658, -7.2267,
-1.1040

Harmonies

Analogous

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



49.1152, -21.3431, -49.7626



49.1145, -0.9955, -59.2399



49.1152, 22.7142, -46.8461

Triad

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



49.1152, -0.9944, -59.2387



49.1152, 39.8960, 19.9799



49.1152, -35.4596, 18.3462

Complementary

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



49.1145, -0.9955, -59.2399



48.9699, 45.4341, 30.9684

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.



49.1152, -23.6801, 26.3879



49.1145, -0.9955, -59.2399



49.1152, 19.4025, 26.9867

Square

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



49.1152, -0.9944, -59.2387



49.1152, 48.8289, 4.1882



49.1152, -4.2312, 28.6503



49.1152, -38.9650, 1.1089

Rectangle

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



49.1145, -0.9955, -59.2399



49.1152, 36.6394, -30.1038



49.1152, -4.2312, 28.6503



49.1152, -32.4560, 21.8917

Sweetspot

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



49.1152, -0.9944, -59.2387



83.9971, -12.2005, -15.2346



75.3266, -61.2661, 38.1071



37.8896, -5.8833, -8.4430

0.0000, NaN, NaN



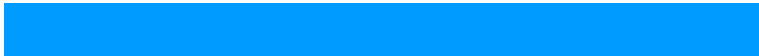
46.2646, -2.4686, 2.5136

Same Dimension

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



49.1152, -0.9944, -59.2387



55.3007, -0.8108, -67.3708



25.3592, 57.8987, -156.6751



39.1605, -3.3170, -0.3705



37.4556, -1.2895, -44.0326



11.0293, -1.7210, -10.0705

Inverse Universe

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



43.0390, 78.0289, -5.7632



48.5987, 88.0794, -6.2133



76.8348, -10.1659, 47.1660



38.0975, 2.4033, 0.4534



32.5791, 59.1375, -4.8765



8.9581, 16.4425, -2.7497

Previews

White Background



This preview shows how the HunterLab color 49.1145, -0.9955, -59.2399 looks on a white background.

Color Contrast Check

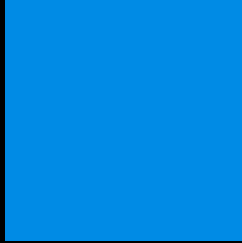
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1145, -0.9955, -59.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

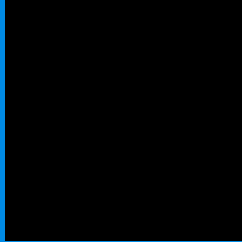
Any Text WCAG AA ✓ Pass

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 49.1145, -0.9955, -59.2399 Background



This preview shows how black text looks on a background with the HunterLab color 49.1145, -0.9955, -59.2399.

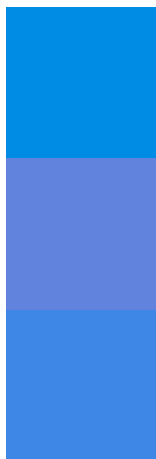


This preview shows how white text looks on a background with the HunterLab color 49.1145, -0.9955, -59.2399.

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

49.1145, -0.9955, -59.2399

Protanopia

49.0387, 9.6623, -53.1673

Deuteranopia

49.0563, 4.8763, -60.1664



Tritanopia

48.9879, -23.7649, -9.9289

Trichromacy



Original Color

49.1145, -0.9955, -59.2399

Protanomaly

48.4877, 3.8755, -57.1583

Deuteranomaly

48.7369, 2.3319, -61.0009

Tritanomaly

48.6944, -16.3837, -25.4962

Monochromacy



Original Color

49.1145, -0.9955, -59.2399

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

40.8973, -7.3296, -17.9930

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1145, -0.9955, -59.2399 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, 139, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 229)  
}
```

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, 139, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1145, -0.9955, -59.2399 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, 139, 229) }
```


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

```
.border{ border-color:rgb(0, 139, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1145, -0.9955, -59.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 229) }
```

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

```
.background{ background-color: rgb(0, 139,  
229) }
```

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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