

Converting Colors

HunterLab(49.8577, 9.1468,
-81.6238)

Have a look what the booklet for
HunterLab(49.8577, 9.1468,
-81.6238) contains.

HunterLab(49.8669, 9.1271, -81.5979)	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(49.8669, 9.1271,
-81.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	0688FF
RGB	6, 136, 255
RGB Percent	2%, 53%, 100%
CMY	0.9762, 0.4667, 0.0000
CMYK	0.98, 0.47, 0.00, 0.00
HSL	209°, 100%, 51%
HSV	209°, 98%, 100%
XYZ	26.9293, 24.8671, 97.9884
YIQ	110.6960, -115.6790, 9.4490

Conversions

Conversions Part 2

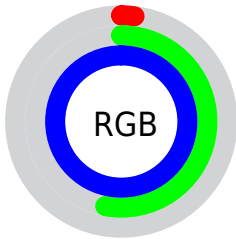
Format	Color
R _Y B	6, 91, 255
Decimal	428287
CIE Lab	56.95, 13.98, -67.32
CIE LCh	57, 68.760, 281.729
Yxy	24.8677, 0.1798, 0.1660
Android (android.graphics.Color)	4278618367 (0xFF0688FF)
YUV	110.6960, 71.1419, -91.8184
Hunter-Lab	49.8669, 9.1271, -81.5979

Details

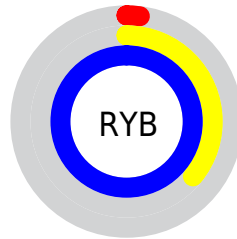
The HunterLab color **49.8669, 9.1271, -81.5979** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **59.9662, 39.7744, 37.4747**, and the grayscale version is **39.5307, -2.1093, 2.1478**.

A 20% lighter version of the original color is **68.6483, -8.1756, -39.5529**, and **32.9357, 15.4532, -74.5258** is the 20% darker color. If you saturate the color by 10%, you get **49.0117, 10.5628, -84.0624**, and if you desaturate by 10%, it is **53.6284, 3.5157, -71.4883**.

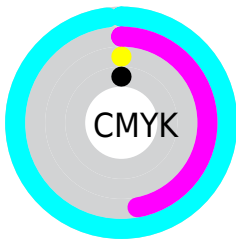
Distribution



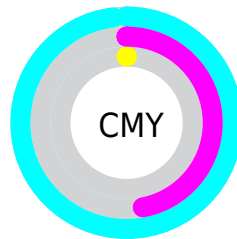
- Red (2%)
- Green (53%)
- Blue (100%)



- Red (2%)
- Yellow (36%)
- Blue (100%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8669, 9.1271, -81.5979 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 49.8669, 9.1271, -81.5979 by changing the saturation by 10% instead.

■ 49.8669, 9.1271,
-81.5979

■ 49.8669, 9.1271,
-81.5979

166.4868, 8.3088,
-88.2005

■ 39.9731, 8.8952,
-81.7999

■ 71.7234, 9.3547,
-82.4024

■ 30.8366, 8.5662,
-82.8346

■ 83.6044, 9.3649,
-83.1057

■ 22.5269, 8.1242,
-85.4398

■ 96.0773, 9.3149,
-83.9030

■ 15.1364, 7.5450,
-91.3668

■ 109.1154, 9.2097,
-84.7509

■ 8.7693, 6.9175,
-106.2343

■ 122.6951, 9.0532,
-85.6207

0.0000, INF, -NF

0.0000, NaN, -NF

136.7957, 8.8490,

-86.4936

0.0000, NaN, -NF

151.3985, 8.6000,
-87.3565

0.0000, NaN, -NF

■ 49.8669, 9.1271,
-81.5979

■ 49.8669, 9.1271,
-81.5979

■ 49.0117, 10.5628,
-84.0624

■ 53.6284, 3.5157,
-71.4883

■ 57.7634, -1.0297,
-61.5325

■ 62.2598, -4.4764,
-51.8090

■ 67.0905, -6.8803,
-42.3875

■ 72.2249, -8.3342,
-33.3055

■ 77.6335, -8.9427,
-24.5726

■ 83.2890, -8.8096,
-16.1793

■ 89.1669, -8.0301,
-8.1041

■ 95.2459, -6.6888,
-0.3197

Harmonies

Analogous

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



49.8675, -18.8996, -77.9580



49.8669, 9.1271, -81.5979



49.8675, 39.9195, -54.9559

Triad

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



49.8675, 9.1284, -81.5959



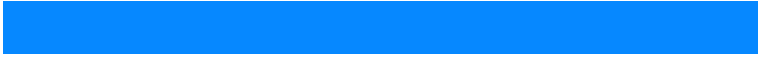
49.8675, 45.8890, 26.6212



49.8675, -45.1829, 16.5931

Complementary

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



49.8669, 9.1271, -81.5979



59.9662, 39.7744, 37.4747

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.



49.8675, -34.4914, 28.2286



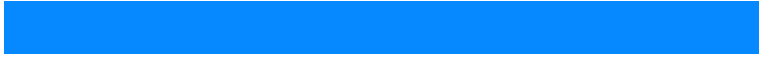
49.8669, 9.1271, -81.5979



49.8675, 15.9589, 31.3280

Square

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



49.8675, 9.1284, -81.5959



49.8675, 64.1502, 12.2989



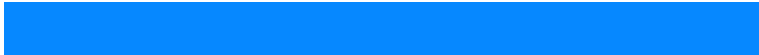
49.8675, -13.4522, 31.6767



49.8675, -46.2039, -9.2556

Rectangle

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



49.8669, 9.1271, -81.5979



49.8675, 56.2404, -29.3297



49.8675, -13.4522, 31.6767



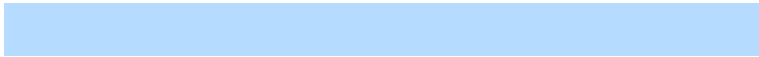
49.8675, -42.7372, 21.8064

Sweetspot

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



49.8675, 9.1284, -81.5959



82.4934, -8.8685, -17.3201



85.4227, -67.2347, 38.6262



37.0421, -4.1500, -9.6597

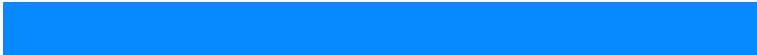
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8675, 9.1284, -81.5959



49.0117, 10.5628, -84.0624



27.5380, 70.3516, -185.4927



43.5277, -3.2299, -0.8178



35.8509, 6.8251, -59.5439



12.1257, 0.4169, -16.0560

Inverse Universe

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



48.1347, 85.4208, 2.4648



47.9125, 85.5916, 3.5190



93.6018, -21.8391, 57.1842



42.5975, 2.5801, 0.9343



34.6778, 62.0300, 1.9176



10.9223, 19.7242, -0.8446

Previews

White Background



This preview shows how the HunterLab color 49.8669, 9.1271, -81.5979 looks on a white background.

Color Contrast Check

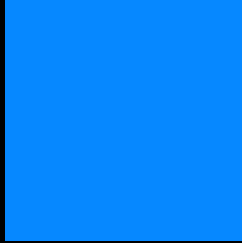
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8669, 9.1271, -81.5979 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

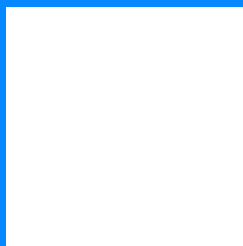
Any Text WCAG AAA × Fail

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

HunterLab 49.8669, 9.1271, -81.5979 Background



This preview shows how black text looks on a background with the HunterLab color 49.8669, 9.1271, -81.5979.

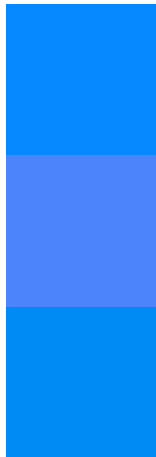


This preview shows how white text looks on a background with the HunterLab color 49.8669, 9.1271, -81.5979.

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

49.8669, 9.1271, -81.5979

Protanopia

49.9634, 14.6176, -77.2603

Deuteranopia

49.6468, 3.9600, -70.6027



Tritanopia

49.7056, -24.1410, -10.0142

Trichromacy



Original Color

49.8669, 9.1271, -81.5979

Protanomaly

49.4787, 11.8048, -79.6621

Deuteranomaly

49.6182, 5.8362, -74.4716

Tritanomaly

49.5084, -13.9746, -31.5683

Monochromacy



Original Color

49.8669, 9.1271, -81.5979

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

41.8255, -4.5910, -23.4264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8669, 9.1271, -81.5979 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(6, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(6, 136, 255)  
}
```

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(6, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 136, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8669, 9.1271, -81.5979 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(6, 136, 255) }
```


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

```
.border{ border-color:rgb(6, 136, 255) }
```

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

Here you see how a box with a 4 pixel rgb(6, 136, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(6, 136,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8669, 9.1271, -81.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 136, 255) }
```

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

```
.background{ background-color: rgb(6, 136,  
255) }
```

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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