

Converting Colors

HunterLab(54.0815, 10.3308,
-69.2406)

Have a look what the booklet for
HunterLab(54.0815, 10.3308,
-69.2406) contains.

HunterLab(54.2079, 10.0226, -68.9785)	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(54.2079, 10.0226,
-68.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	5691FE
RGB	86, 145, 254
RGB Percent	34%, 57%, 100%
CMY	0.6627, 0.4314, 0.0039
CMYK	0.66, 0.43, 0.00, 0.00
HSL	219°, 99%, 67%
HSV	219°, 66%, 100%
XYZ	31.8525, 29.3850, 97.7589
YIQ	139.7850, -70.1530, 21.3910

Conversions

Conversions Part 2

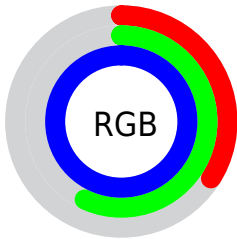
Format	Color
R_{YB}	86, 130, 254
Decimal	5673470
CIE _{Lab}	61.12, 14.89, -59.98
CIE _{LCh}	61, 61.797, 283.941
Yxy	29.3859, 0.2003, 0.1848
Android (android.graphics.Color)	4283863550 (0xFF5691FE)
YUV	139.7850, 56.3080, -47.1694
Hunter-Lab	54.2079, 10.0226, -68.9785

Details

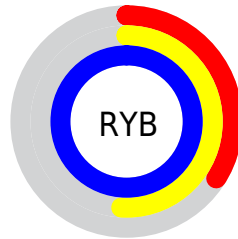
The HunterLab color **54.2079, 10.0226, -68.9785** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **77.9598, 5.6897, 41.4408**, and the grayscale version is **50.9288, -2.7174, 2.7671**.

A 20% lighter version of the original color is **73.5474, -5.3632, -31.0421**, and **34.9509, 11.2058, -67.8757** is the 20% darker color. If you saturate the color by 10%, you get **48.6930, 15.8808, -83.8904**, and if you desaturate by 10%, it is **60.1834, 5.3854, -55.1955**.

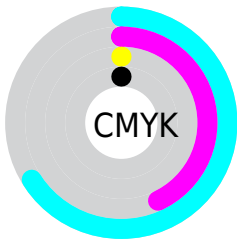
Distribution



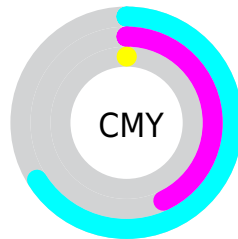
- Red (34%)
- Green (57%)
- Blue (100%)



- Red (34%)
- Yellow (51%)
- Blue (100%)



- Cyan (66%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.2079, 10.0226, -68.9785 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 54.2079, 10.0226, -68.9785 by changing the saturation by 10% instead.

■ 54.2079, 10.0226,
-68.9785

■ 54.2079, 10.0226,
-68.9785

172.9252, 9.3331,
-75.8155

■ 44.0147, 9.7808,
-68.6350

■ 76.6092, 10.2745,
-70.2795

■ 34.5544, 9.4453,
-68.7327

■ 88.7407, 10.2986,
-71.0672

■ 25.8899, 9.0017,
-69.6585

■ 101.4527, 10.2631,
-71.8853

■ 18.1024, 8.4288,
-72.2751

■ 114.7195, 10.1728,
-72.7094

■ 11.3048, 7.6971,
-78.8879

128.5190, 10.0315,
-73.5232

■ 3.5223, 18.2299,
-161.7524

142.8314, 9.8426,

0.0000, NaN, -NF

-74.3164

0.0000, NaN, -NF

157.6388, 9.6090,
-75.0820

0.0000, NaN, -NF

■ 54.2079, 10.0226,
-68.9785

■ 54.2079, 10.0226,
-68.9785

■ 48.6930, 15.8808,
-83.8904

■ 60.1834, 5.3854,
-55.1955

■ 43.7195, 23.0646,
-99.8174

■ 66.5462, 1.8030,
-42.5052

■ 39.3760, 31.5259,
-116.3728

■ 73.2395, -0.8908,
-30.7931

■ 37.8589, 35.0133,
-122.9041

■ 80.2174, -2.8454,
-19.9246

■ 87.4432, -4.1867,
-9.7687

■ 94.8874, -5.0178,
-0.2083

99.9679, -5.5117,
5.8912

Harmonies

Analogous

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



54.2087, -16.3672, -67.9969



54.2079, 10.0226, -68.9785



54.2087, 37.4858, -45.2520

Triad

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



54.2087, 10.0236, -68.9771



54.2087, 39.2025, 27.0633



54.2087, -43.9046, 14.7874

Complementary

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



54.2079, 10.0226, -68.9785



77.9598, 5.6897, 41.4408

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.



54.2087, -34.0937, 27.6384



54.2079, 10.0226, -68.9785



54.2087, 12.0359, 32.0157

Square

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



54.2087, 10.0236, -68.9771



54.2087, 56.4081, 13.4387



54.2087, -14.7074, 32.1575



54.2087, -44.2350, -10.1696

Rectangle

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



54.2079, 10.0226, -68.9785



54.2087, 51.3060, -23.1581



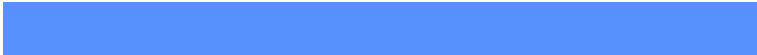
54.2087, -14.7074, 32.1575



54.2087, -41.7064, 20.3070

Sweetspot

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



54.2087, 10.0236, -68.9771



85.0010, -3.7505, -13.6794



87.5709, -53.6963, 19.0976



38.3820, -1.5584, -7.6573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.2087, 10.0236, -68.9771



47.4133, 17.8902, -88.7772



41.2635, 46.5433, -108.4885



42.9198, -2.2257, -1.5655



27.9390, 24.2481, -87.2660



9.7777, 5.0274, -23.0739

Inverse Universe

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



54.5642, 65.8336, 5.6659



50.3182, 75.8157, 9.7505



94.1517, -31.5388, 51.9182



42.5352, 2.2456, 1.8219



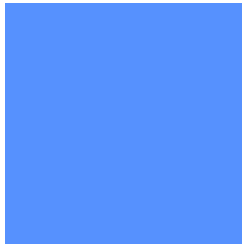
33.9352, 59.3148, 12.6276



10.6820, 18.8496, 2.5898

Previews

White Background



This preview shows how the HunterLab color 54.2079, 10.0226, -68.9785 looks on a white background.

Color Contrast Check

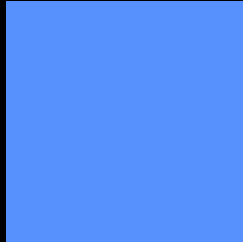
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2079, 10.0226, -68.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

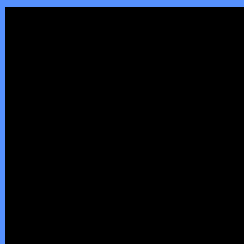
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

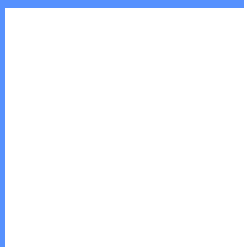
Any Text WCAG AAA × Fail

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

HunterLab 54.2079, 10.0226, -68.9785 Background



This preview shows how black text looks on a background with the HunterLab color 54.2079, 10.0226, -68.9785.



This preview shows how white text looks on a background with the HunterLab color 54.2079, 10.0226, -68.9785.

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

54.2079, 10.0226, -68.9785

Protanopia

54.1533, 12.4857, -67.2435

Deuteranopia

54.1557, 5.3267, -68.2749



Tritanopia

54.0917, -24.4198, -11.5515

Trichromacy



Original Color

54.2079, 10.0226, -68.9785

Protanomaly

54.2384, 11.4454, -67.9617

Deuteranomaly

54.1284, 6.7190, -68.3186

Tritanomaly

53.7277, -13.6112, -30.1725

Monochromacy



Original Color

54.2079, 10.0226, -68.9785

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.6481, -1.3583, -18.3828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.2079, 10.0226, -68.9785 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(86, 145, 254)` looks like.

```
.text, #text, p{  
    color:rgb(86, 145, 254)  
}
```

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(86, 145, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 145, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 54.2079, 10.0226, -68.9785 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(86, 145, 254) }
```


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

```
.border{ border-color:rgb(86, 145, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 145, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 145, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 145, 254);  
box-shadow:4px 4px 4px 4px rgb(86, 145,  
254) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.2079, 10.0226, -68.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 145, 254) }
```

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

```
.background{ background-color: rgb(86, 145,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor