

Converting Colors

HunterLab(54.8228, -4.2452,
-57.3756)

Have a look what the booklet for
HunterLab(54.8228, -4.2452,
-57.3756) contains.

HunterLab(54.8158, -4.3423, -57.1599)	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(54.8158, -4.3423,
-57.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	189BF2
RGB	24, 155, 242
RGB Percent	9%, 61%, 95%
CMY	0.9057, 0.3922, 0.0510
CMYK	0.90, 0.36, 0.00, 0.05
HSL	204°, 89%, 52%
HSV	204°, 90%, 95%
XYZ	28.1251, 30.0477, 88.3219
YIQ	125.7490, -106.0030, -0.7150

Conversions

Conversions Part 2

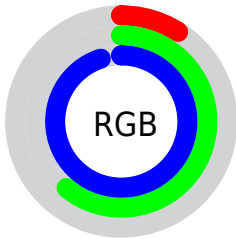
Format	Color
R _Y B	24, 106, 242
Decimal	1612786
CIE Lab	61.70, -1.71, -52.56
CIE LCh	62, 52.592, 268.142
Yxy	30.0487, 0.1920, 0.2051
Android (android.graphics.Color)	4279802866 (0xFF189BF2)
YUV	125.7490, 57.3117, -89.2339
Hunter-Lab	54.8158, -4.3423, -57.1599

Details

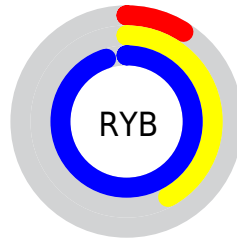
The HunterLab color **54.8158, -4.3423, -57.1599** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **55.0635, 41.3198, 33.7207**, and the grayscale version is **45.3957, -2.4222, 2.4664**.

A 20% lighter version of the original color is **75.0988, -17.8327, -28.7288**, and **36.6107, 2.7629, -51.7244** is the 20% darker color. If you saturate the color by 10%, you get **51.7558, -0.1598, -64.3451**, and if you desaturate by 10%, it is **58.1662, -7.7285, -49.9218**.

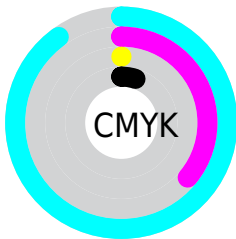
Distribution



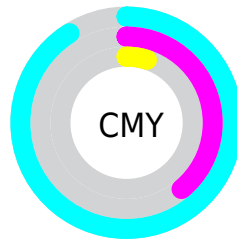
- Red (9%)
- Green (61%)
- Blue (95%)



- Red (9%)
- Yellow (42%)
- Blue (95%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.8158, -4.3423, -57.1599 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 54.8158, -4.3423, -57.1599 by changing the saturation by 10% instead.

■ 54.8158, -4.3423,
-57.1599

■ 54.8158, -4.3423,
-57.1599

173.8192,
-11.3662, -63.5406

■ 44.5820, -3.6996,
-56.5992

■ 77.2911, -5.7149,
-58.5997

■ 35.0779, -3.0895,
-56.2991

■ 89.4568, -6.4445,
-59.3705

■ 26.3657, -2.5122,
-56.5125

■ 102.2013, -7.2014,
-60.1369

■ 18.5250, -1.9687,
-57.8028

■ 115.4994, -7.9847,
-60.8842

■ 11.6666, -1.4593,
-61.6615

■ 129.3290, -8.7935,
-61.6029

■ 4.3333, -1.9463,
-103.7361

143.6703, -9.6272,

0.0000, NaN, -NF

-62.2873

0.0000, NaN, -NF

158.5057,
-10.4849, -62.9339

0.0000, NaN, -NF

■ 54.8158, -4.3423,
-57.1599

■ 54.8158, -4.3423,
-57.1599

■ 51.7558, -0.1598,
-64.3451

■ 58.1662, -7.7285,
-49.9218

■ 61.8072, -10.1718,
-42.6767

■ 65.7303, -11.6859,
-35.4762

■ 69.9191, -12.3245,
-28.3666

■ 74.3549, -12.1609,
-21.3807

■ 79.0183, -11.2750,
-14.5384

■ 83.8906, -9.7459,
-7.8486

■ 88.9544, -7.6477,
-1.3118

■ 94.1938, -5.0472,
5.0766

Harmonies

Analogous

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



54.8167, -24.1902, -45.5343



54.8158, -4.3423, -57.1599



54.8167, 19.3062, -47.9604

Triad

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



54.8167, -4.3413, -57.1587



54.8167, 41.3044, 19.2268



54.8167, -35.3992, 20.7394

Complementary

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



54.8158, -4.3423, -57.1599



55.0635, 41.3198, 33.7207

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.



54.8167, -22.1005, 28.4813



54.8158, -4.3423, -57.1599



54.8167, 22.1684, 27.8923

Square

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



54.8167, -4.3413, -57.1587



54.8167, 48.0972, 1.6150



54.8167, -1.4998, 30.4335



54.8167, -40.2058, 4.3182

Rectangle

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



54.8158, -4.3423, -57.1599



54.8167, 33.6712, -32.7513



54.8167, -1.4998, 30.4335



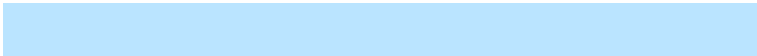
54.8167, -31.8930, 24.1464

Sweetspot

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



54.8167, -4.3413, -57.1587



85.3817, -11.5477, -13.2870



80.4819, -63.6279, 38.1114



38.6950, -5.5613, -7.2814

0.0000, NaN, NaN



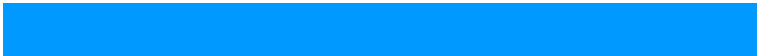
46.2646, -2.4686, 2.5136

Same Dimension

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



54.8167, -4.3413, -57.1587



54.8399, -0.0240, -68.4933



29.7341, 53.1567, -148.2543



40.9984, -3.4475, -0.4255



38.2942, -0.7309, -46.2866



11.8909, -1.5948, -11.4199

Inverse Universe

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



46.7961, 81.6012, -9.0264



48.5460, 87.8888, -5.4701



82.6732, -11.9234, 50.1130



39.8978, 2.5294, 0.4962



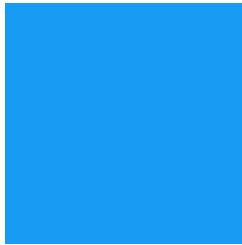
33.5764, 60.8740, -4.4542



9.7850, 17.9202, -2.6936

Previews

White Background



This preview shows how the HunterLab color 54.8158, -4.3423, -57.1599 looks on a white background.

Color Contrast Check

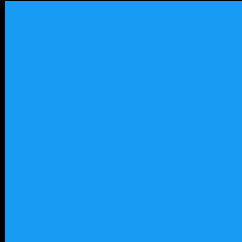
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.8158, -4.3423, -57.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

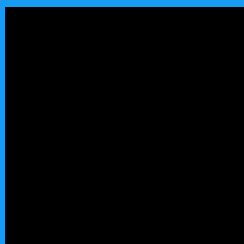
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

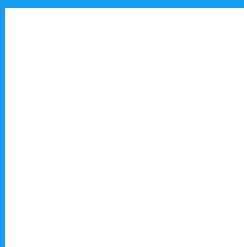
Any Text WCAG AAA ✓ Pass

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

HunterLab 54.8158, -4.3423, -57.1599 Background



This preview shows how black text looks on a background with the HunterLab color 54.8158, -4.3423, -57.1599.



This preview shows how white text looks on a background with the HunterLab color 54.8158, -4.3423, -57.1599.

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

54.8158, -4.3423, -57.1599

Protanopia

54.5700, 8.8602, -49.9779

Deuteranopia

54.8204, 5.0259, -58.6980



Tritanopia

54.8132, -26.5866, -11.1188

Trichromacy



Original Color

54.8158, -4.3423, -57.1599

Protanomaly

54.1709, 1.9704, -53.4417

Deuteranomaly

54.4924, 0.8078, -58.6672

Tritanomaly

54.5142, -19.1629, -26.1749

Monochromacy



Original Color

54.8158, -4.3423, -57.1599

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

47.7936, -8.4446, -16.6545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.8158, -4.3423, -57.1599 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(24, 155, 242)` looks like.

```
.text, #text, p{  
    color:rgb(24, 155, 242)  
}
```

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(24, 155, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 155, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 54.8158, -4.3423, -57.1599 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(24, 155, 242) }
```


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

```
.border{ border-color:rgb(24, 155, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 155, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 155, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 155, 242);  
box-shadow:4px 4px 4px 4px rgb(24, 155,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.8158, -4.3423, -57.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 155, 242) }
```

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

```
.background{ background-color: rgb(24, 155,  
242) }
```

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