

Converting Colors

Hex(158FCF)

Have a look what the booklet for
Hex(158FCF) contains.

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Color

Hex(158FCF)

Conversions

Conversions Part 1

Format	Color
Hex	158FCF
RGB	21, 143, 207
RGB Percent	8%, 56%, 81%
CMY	0.9176, 0.4392, 0.1882
CMYK	0.90, 0.31, 0.00, 0.19
HSL	201°, 82%, 45%
HSV	201°, 90%, 81%
XYZ	21.3942, 24.3093, 62.5961
YIQ	113.8180, -93.2560, -5.9600

Conversions

Conversions Part 2

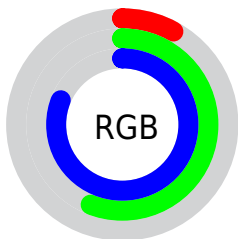
Format	Color
R _Y B	21, 95, 207
Decimal	1413071
CIE Lab	56.40, -7.90, -41.48
CIE LCh	56, 42.225, 259.215
Yxy	24.3093, 0.1975, 0.2245
Android (android.graphics.Color)	4279603151 (0xFF158FCF)
YUV	113.8180, 45.9387, -81.4014
Hunter-Lab	49.3045, -8.8282, -40.7603

Details

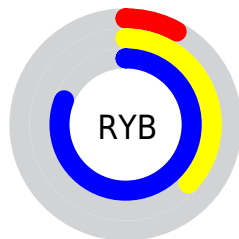
The Hex color **158FCF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CF5515**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68C5FF**, and **005D98** is the 20% darker color. If you saturate the color by 10%, you get **0088CF**, and if you desaturate by 10%, it is **2A96CF**.

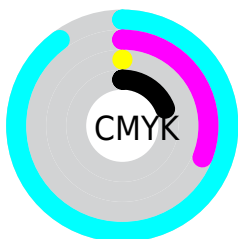
Distribution



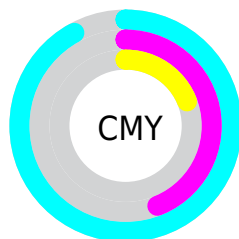
- Red (8%)
- Green (56%)
- Blue (81%)



- Red (8%)
- Yellow (37%)
- Blue (81%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (92%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158FCF 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 Hex color 158FCF by changing the saturation by 10% instead.

■ 158FCF

■ 158FCF

FFFFFF

■ 0076B3

■ 68C5FF

■ 005D98

■ 88E0FF

■ 00467E

■ A7FDFF

■ 003065

■ C5FFFF

■ 001C4C

■ E4FFFF

■ 000535

■ 00021F

■ 000002

■ 000000

■ 158FCF

■ 158FCF

■ 0088CF

■ 2A96CF

■ 3E9DCF

■ 53A4CF

■ 68ABCF

■ 7DB3CF

■ 91BACF

■ A6C1CF

■ BBC8CF

■ CFCFCF

Harmonies

Analogous

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



0097BE



158FCF



7583CD

Triad

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



158FCF



CD6971



5B9556

Complementary

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



158FCF



CF5515

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.



868C3F



158FCF



C27351

Square

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



158FCF



C56A96



A8813E



129978

Rectangle

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



158FCF



9979C0



A8813E



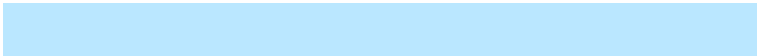
6B924C

Sweetspot

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



158FCF



BAE7FF



15CF53



577180



000000



808080

Same Dimension

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



158FCF



00A7FF



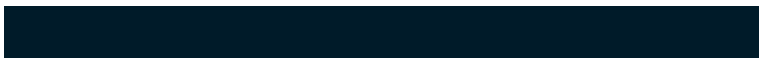
1534CF



5E6569



006EA8



001B29

Inverse Universe

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



CF158F



FF00A7



CFB015



695E65



A8006E



29001B

Previews

White Background



This preview shows how the Hex color 158FCF looks on a white background.

Color Contrast Check

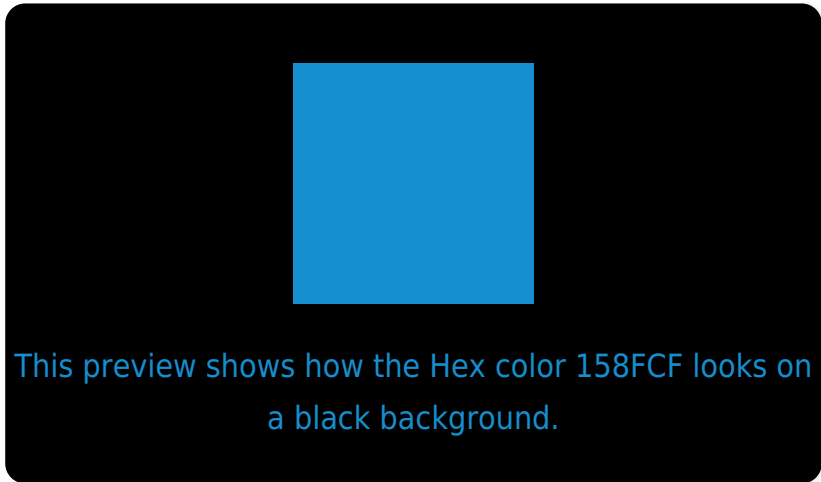
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Hex 158FCF Background



This preview shows how black text looks on a background with the Hex color 158FCF.

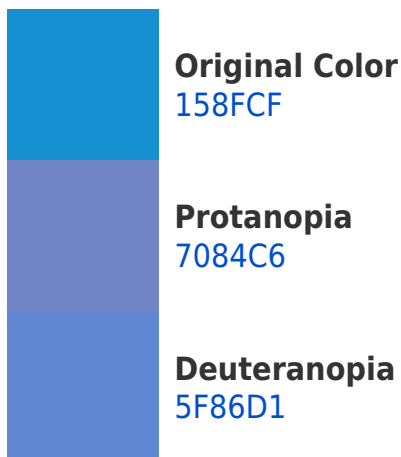


This preview shows how white text looks on a background with the Hex color 158FCF.

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](#).

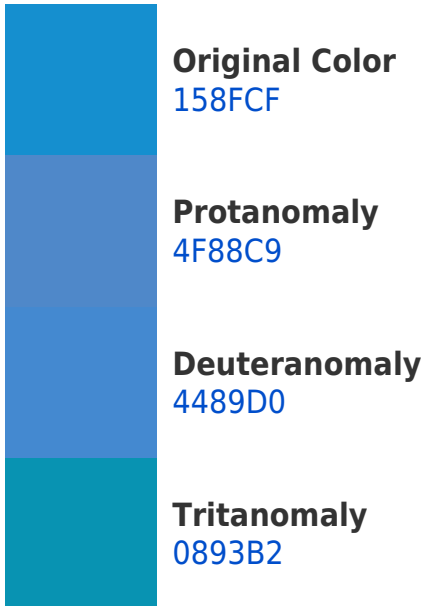
Dichromacy





Tritanopia
0095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 158FCF 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 #158FCF looks like.

```
.text, #text, p{  
    color:#158FCF  
}
```

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 #158FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158FCF
}
```

Border

The CSS property to change the border of an element to Hex 158FCF 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
#158FCF }
```

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

```
.border{ border-color:#158FCF }
```

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

Here you see how a box with a 4 pixel #158FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158FCF; -webkit-box-shadow:4px 4px  
4px 4px #158FCF; box-shadow:4px 4px 4px  
4px #158FCF }
```

Background

The CSS property to change the background color of an element to Hex 158FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158FCF }
```

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

```
.background{ background-color:#158FCF }
```

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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