

Converting Colors

Hex(148CF2)

Have a look what the booklet for
Hex(148CF2) contains.

Hex(148CF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(148CF2)

Conversions

Conversions Part 1

Format	Color
Hex	148CF2
RGB	20, 140, 242
RGB Percent	8%, 55%, 95%
CMY	0.9216, 0.4510, 0.0510
CMYK	0.92, 0.42, 0.00, 0.05
HSL	208°, 90%, 51%
HSV	208°, 92%, 95%
XYZ	25.6936, 25.3157, 87.5366
YIQ	115.7480, -104.2620, 6.2820

Conversions

Conversions Part 2

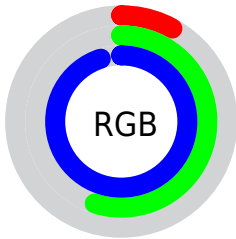
Format	Color
R _Y B	20, 98, 242
Decimal	1346802
CIE Lab	57.38, 6.99, -59.45
CIE LCh	57, 59.859, 276.710
Yxy	25.3157, 0.1855, 0.1827
Android (android.graphics.Color)	4279536882 (0xFF148CF2)
YUV	115.7480, 62.2422, -83.9710
Hunter-Lab	50.3147, 3.1017, -67.9314

Details

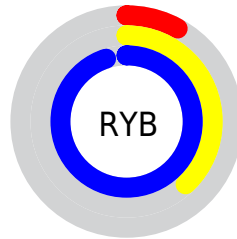
The Hex color **148CF2** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F27A14**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **70C1FF**, and **005BB9** is the 20% darker color. If you saturate the color by 10%, you get **0083F2**, and if you desaturate by 10%, it is **2C97F2**.

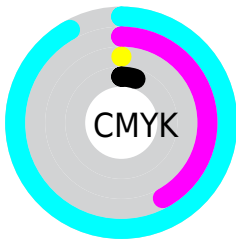
Distribution



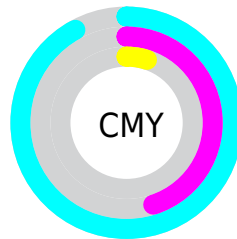
- Red (8%)
- Green (55%)
- Blue (95%)



- Red (8%)
- Yellow (38%)
- Blue (95%)



- Cyan (92%)
- Magenta (42%)
- Yellow (0%)
- Black (5%)



- Cyan (92%)
- Magenta (45%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 148CF2 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 148CF2 by changing the saturation by 10% instead.

 148CF2


 148CF2

FFFFFF

 0073D5

 70C1FF

 005BB9

 91DDFF

 00449E

 B1F9FF

 002F83

 D1FFFF

 001C69

 F0FFFF

 000A50

 000538

 000222

 000008

■ 148CF2

■ 148CF2

■ 0083F2

■ 2C97F2

■ 44A2F2

■ 5DADF2

■ 75B8F2

■ 8DC4F2

■ A5CFF2

■ BDDAF2

■ D6E5F2

■ EEF0F2

Harmonies

Analogous

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



009AEA



148CF2



9B77DE

Triad

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



148CF2



E1624E



00A05E

Complementary

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



148CF2



F27A14

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.



62982E



148CF2



C47824

Square

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



148CF2



E75680



998B0E



00A294

Rectangle

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



148CF2



C367C4



998B0E



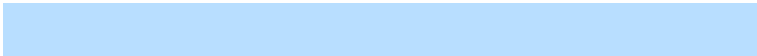
279E4D

Sweetspot

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



148CF2



B8DEFF



14F278



546C80



000000



808080

Same Dimension

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



148CF2



008AFF



141FF2



6C7278



0063B8



001E38

Inverse Universe

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



F2148C



FF008A



F2E714



786C72



B80063



38001E

Previews

White Background



This preview shows how the Hex color 148CF2 looks on a white background.

Color Contrast Check

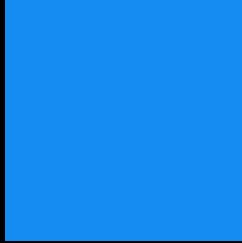
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 148CF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

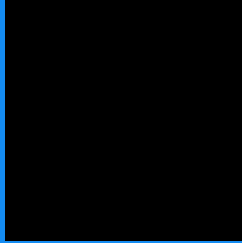
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

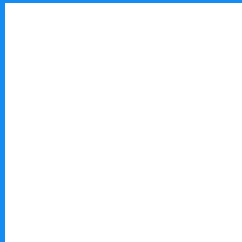
Any Text WCAG AAA × Fail

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

Hex 148CF2 Background



This preview shows how black text looks on a background with the Hex color 148CF2.

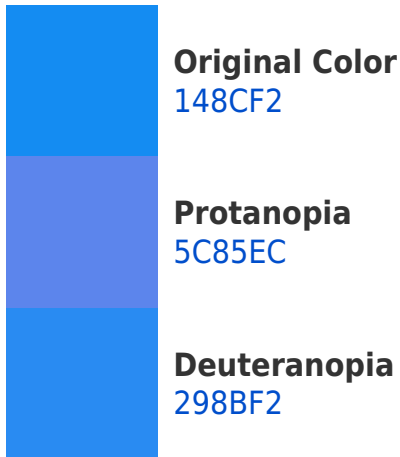


This preview shows how white text looks on a background with the Hex color 148CF2.

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](#).

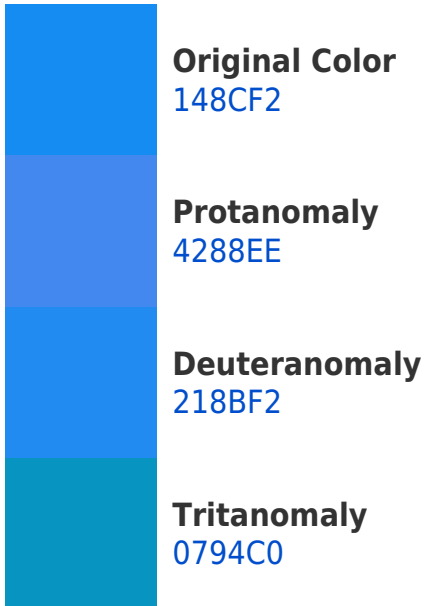
Dichromacy



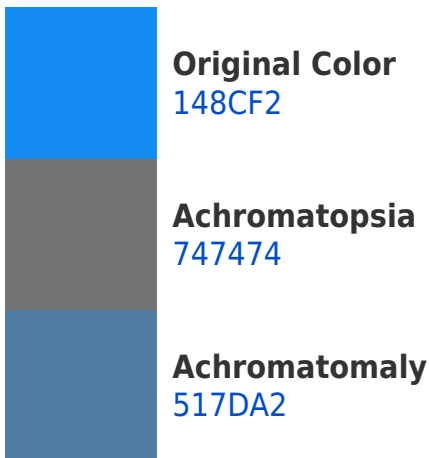


Tritanopia
0098A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 148CF2 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 #148CF2 looks like.

```
.text, #text, p{  
    color:#148CF2  
}
```

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 #148CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #148CF2
}
```

Border

The CSS property to change the border of an element to Hex 148CF2 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
#148CF2 }
```

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

```
.border{ border-color:#148CF2 }
```

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

Here you see how a box with a 4 pixel #148CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #148CF2; -webkit-box-shadow:4px 4px  
4px 4px #148CF2; box-shadow:4px 4px 4px  
4px #148CF2 }
```

Background

The CSS property to change the background color of an element to Hex 148CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#148CF2 }
```

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

```
.background{ background-color:#148CF2 }
```

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