

# Converting Colors

Hex(118FD9)

Have a look what the booklet for  
Hex(118FD9) contains.

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# Color

Hex(118FD9)

# Conversions

## Conversions Part 1

Format	Color
Hex	118FD9
RGB	17, 143, 217
RGB Percent	7%, 56%, 85%
CMY	0.9333, 0.4392, 0.1490
CMYK	0.92, 0.34, 0.00, 0.15
HSL	202°, 85%, 46%
HSV	202°, 92%, 85%
XYZ	22.5780, 24.7738, 69.2375
YIQ	113.7620, -98.8500, -3.6980

# Conversions

## Conversions Part 2

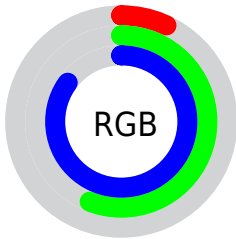
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 94, 217
Decimal	1150937
CIELab	56.85, -4.37, -46.37
CIELCh	57, 46.579, 264.620
Yxy	24.7738, 0.1937, 0.2125
Android (android.graphics.Color)	4279341017 (0xFF118FD9)
YUV	113.7620, 50.8963, -84.8603
Hunter-Lab	49.7733, -6.1328, -47.6344

# Details

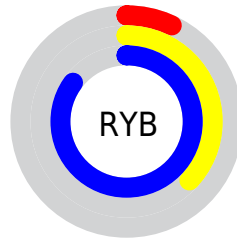
The Hex color **118FD9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D95B11**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6AC4FF**, and **005DA2** is the 20% darker color. If you saturate the color by 10%, you get **0089D9**, and if you desaturate by 10%, it is **2797D9**.

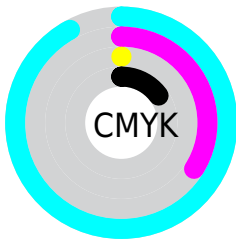
# Distribution



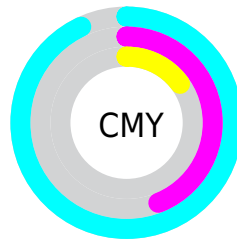
- Red (7%)
- Green (56%)
- Blue (85%)



- Red (7%)
- Yellow (37%)
- Blue (85%)



- Cyan (92%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (44%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 118FD9 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 118FD9 by changing the saturation by 10% instead.



■ 118FD9

■ 118FD9

FFFFFF

■ 0076BD

■ 6AC4FF

■ 005DA2

■ 8AE0FF

■ 004687

■ A9FDFF

■ 00306D

■ C8FFFF

■ 001C54

■ E6FFFF

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 118FD9

■ 118FD9

■ 0089D9

■ 2797D9

■ 3C9FD9

■ 52A7D9

■ 68AFD9

■ 7EB7D9

■ 93BFD9

■ A9C7D9

■ BFCFD9

■ D4D7D9

# Harmonies

## Analogous

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



0098CA



118FD9



7F81D2

# Triad

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



118FD9



D36869



4C9858

# Complementary

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



118FD9



D95B11

# 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.



7E903B



118FD9



C47547

# Square

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



118FD9



CF6691



A68434



009C7F

# Rectangle

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



118FD9



A576C3



A68434



5F964C

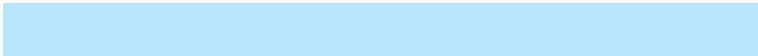


# Sweetspot

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



118FD9



B8E5FF



11D95A



546F80



000000



808080

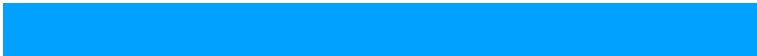


# Same Dimension

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



118FD9



00A1FF



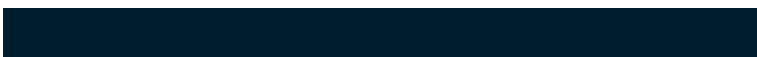
112CD9



636A6E



006DAD



001D2E



# Inverse Universe

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



D9118F



FF00A1



D9BE11



6E636A



AD006D



2E001D



# Previews

## White Background



This preview shows how the Hex color 118FD9 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 118FD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

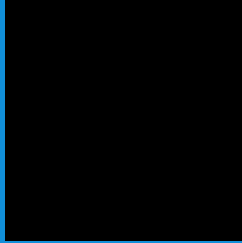
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

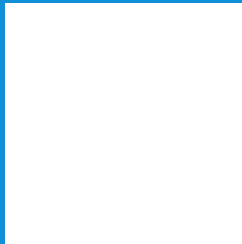
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 118FD9 Background



This preview shows how black text looks on a background with the Hex color 118FD9.

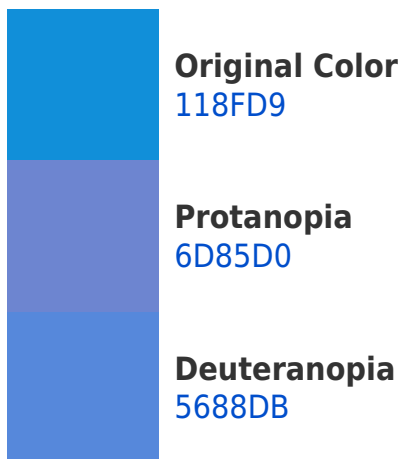


This preview shows how white text looks on a background with the Hex color 118FD9.

# 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**  
0097A2

# Trichromacy



**Original Color**  
118FD9



**Protanomaly**  
4C89D3



**Deuteranomaly**  
3D8BDA



**Tritanomaly**  
0694B6

# Monochromacy



**Original Color**  
118FD9



**Achromatopsia**  
727272



**Achromatomaly**  
4F7D97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 118FD9 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 #118FD9 looks like.

```
.text, #text, p{  
    color:#118FD9  
}
```

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 #118FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118FD9
}
```

## Border

The CSS property to change the border of an element to Hex 118FD9 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
#118FD9 }
```

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

```
.border{ border-color:#118FD9 }
```

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

Here you see how a box with a 4 pixel #118FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118FD9; -webkit-box-shadow:4px 4px  
4px 4px #118FD9; box-shadow:4px 4px 4px  
4px #118FD9 }
```

# Background

The CSS property to change the background color of an element to Hex 118FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118FD9 }
```

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

```
.background{ background-color:#118FD9 }
```

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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