

# Converting Colors

Hex(113FC8)

Have a look what the booklet for  
Hex(113FC8) contains.

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# Color

Hex(113FC8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	113FC8
RGB	17, 63, 200
RGB Percent	7%, 25%, 78%
CMY	0.9333, 0.7529, 0.2157
CMYK	0.92, 0.68, 0.00, 0.22
HSL	225°, 84%, 43%
HSV	225°, 92%, 78%
XYZ	12.4340, 7.8443, 55.5023
YIQ	64.8640, -71.3930, 32.8550

# Conversions

## Conversions Part 2

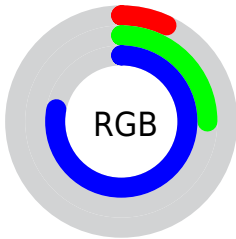
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	17, 54, 200
Decimal	1130440
CIE <sub>Lab</sub>	33.66, 39.78, -74.15
CIE <sub>LCh</sub>	34, 84.149, 298.215
Yxy	7.8443, 0.1641, 0.1035
Android (android.graphics.Color)	4279320520 (0xFF113FC8)
YUV	64.8640, 66.6220, -41.9767
Hunter-Lab	28.0077, 30.2315, -97.8885

# Details

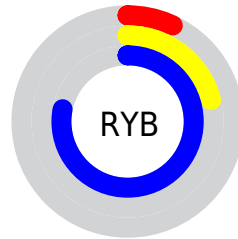
The Hex color **113FC8** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C89A11**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **686FFF**, and **001691** is the 20% darker color. If you saturate the color by 10%, you get **0032C8**, and if you desaturate by 10%, it is **254EC8**.

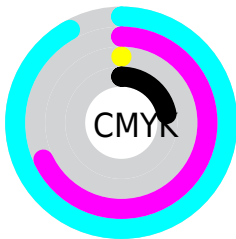
# Distribution



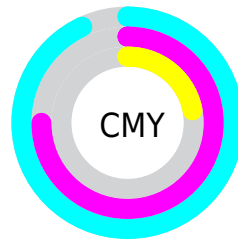
- Red (7%)
- Green (25%)
- Blue (78%)



- Red (7%)
- Yellow (21%)
- Blue (78%)



- Cyan (92%)
- Magenta (68%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (75%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 113FC8 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 113FC8 by changing the saturation by 10% instead.



■ 113FC8

■ 113FC8

FFFFFF

■ 0029AC

■ 686FFF

■ 001691

■ 8888FF

■ 000276

■ A7A2FF

■ 00045C

■ C6BDFF

■ 000744

■ E5D9FF

■ 00032C

■ FFF6FF

■ 000117

■ 000000

■ 113FC8

■ 113FC8

0032C8

254EC8

395DC8

4D6CC8

617BC8

758AC8

8999C8

9DA8C8

B1B7C8

C5C6C8

# Harmonies

## Analogous

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



005BD9



113FC8



960097

# Triad

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



113FC8



962700



006649

# Complementary

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



113FC8



C89A11

# 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.



006400



113FC8



654C00

# Square

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



113FC8



B50016



195C00



00688E

# Rectangle

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



113FC8



B2006C



195C00



006631



# Sweetspot

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



113FC8



BACBFF



11C897



576180



000000



808080



# Same Dimension

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



113FC8



0040FF



3C11C8



5A5C63



0029A3



000924



# Inverse Universe

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



C8113F



FF0040



9DC811



635A5C



A30029

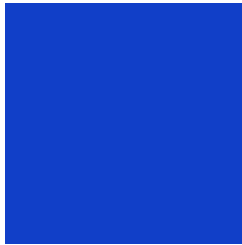


240009



# Previews

## White Background



This preview shows how the Hex color 113FC8 looks on a white background.

## Color Contrast Check

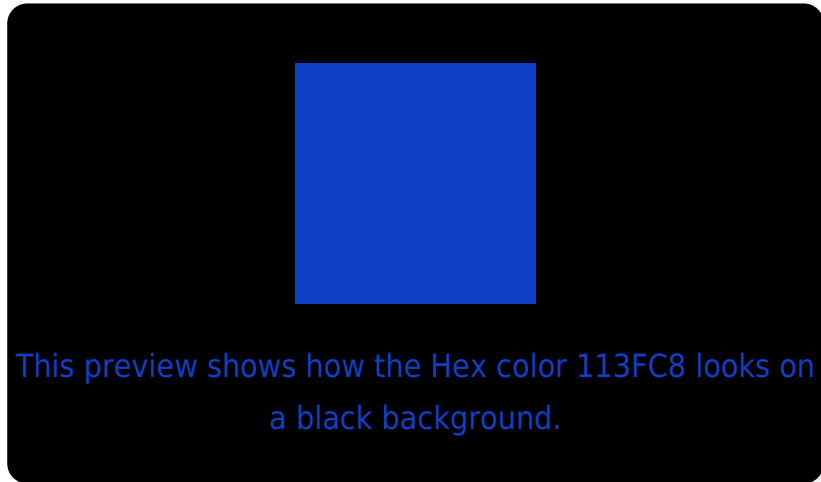
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

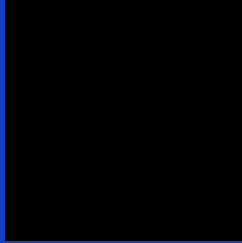
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 113FC8 Background



This preview shows how black text looks on a background with the Hex color 113FC8.



This preview shows how white text looks on a background with the Hex color 113FC8.

# 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**  
00585C

# Trichromacy



**Original Color**  
113FC8

**Protanomaly**  
0647AF

**Deuteranomaly**  
064AA0

**Tritanomaly**  
064F83

# Monochromacy



**Original Color**  
113FC8

**Achromatopsia**  
414141

**Achromatomaly**  
304072

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 113FC8 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 #113FC8 looks like.

```
.text, #text, p{  
    color:#113FC8  
}
```

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 #113FC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113FC8
}
```

## Border

The CSS property to change the border of an element to Hex 113FC8 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
#113FC8 }
```

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

```
.border{ border-color:#113FC8 }
```

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

Here you see how a box with a 4 pixel #113FC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113FC8; -webkit-box-shadow:4px 4px  
4px 4px #113FC8; box-shadow:4px 4px 4px  
4px #113FC8 }
```

# Background

The CSS property to change the background color of an element to Hex 113FC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113FC8 }
```

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

```
.background{ background-color:#113FC8 }
```

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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