

# Converting Colors

Hex(113FE3)

Have a look what the booklet for  
Hex(113FE3) contains.

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# Color

**Hex(113FE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	113FE3
RGB	17, 63, 227
RGB Percent	7%, 25%, 89%
CMY	0.9333, 0.7529, 0.1098
CMYK	0.93, 0.72, 0.00, 0.11
HSL	227°, 86%, 48%
HSV	227°, 93%, 89%
XYZ	15.8738, 9.2202, 73.6161
YIQ	67.9420, -80.0600, 41.2520

# Conversions

## Conversions Part 2

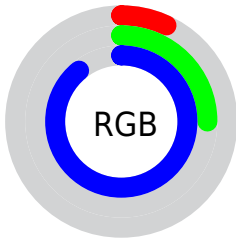
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 55, 227
Decimal	1130467
CIE <sub>Lab</sub>	36.40, 49.47, -85.18
CIE <sub>LCh</sub>	36, 98.504, 300.144
Yxy	9.2202, 0.1608, 0.0934
Android (android.graphics.Color)	4279320547 (0xFF113FE3)
<b>YUV</b>	67.9420, 78.4156, -44.6761
Hunter-Lab	30.3648, 40.1758, -122.4864

# Details

The Hex color **113FE3** 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 **E3B511**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **706FFF**, and **0014AA** is the 20% darker color. If you saturate the color by 10%, you get **0032E3**, and if you desaturate by 10%, it is **2851E3**.

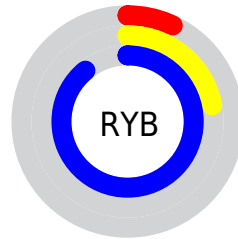
# Distribution



Red (7%)

Green (25%)

Blue (89%)



Red (7%)

Yellow (22%)

Blue (89%)

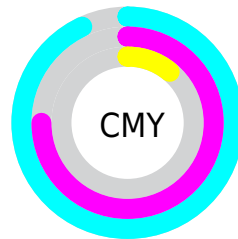


Cyan (93%)

Magenta (72%)

Yellow (0%)

Black (11%)



Cyan (93%)

Magenta (75%)

Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 113FE3 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 113FE3 by changing the saturation by 10% instead.



 113FE3

 113FE3

FFFFFF

 0029C6

 706FFF

 0014AA

 9189FF

 00048F

 B2A4FF

 000074

 D1BFFF

 000D5A

 F1DBFF

 000742

 FFF8FF

 00032B

 000115

 000000

■ 113FE3

■ 113FE3

■ 0032E3

■ 2851E3

■ 3E62E3

■ 5574E3

■ 6C86E3

■ 8398E3

■ 99A9E3

■ B0BBE3

■ C7CDE3

■ DDDFE3

# Harmonies

## Analogous

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



0063FA



113FE3



AD00A6

# Triad

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



113FE3



A42700



007054

# Complementary

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



113FE3



E3B511

# 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.



006D00



113FE3



695400

# Square

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



113FE3



CB000C



006600



0072A5

# Rectangle

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



113FE3



CC0073



006600



006F38



# Sweetspot

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



113FE3



B8C7FF



11E3B2



545E80



000000



808080



# Same Dimension

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



113FE3



0038FF



4911E3



676A73



0027B3



000B33



# Inverse Universe

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



E3113F



FF0038



ABE311



73676A



B30027

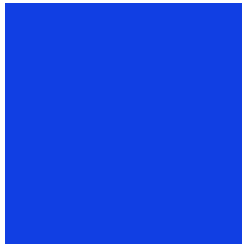


33000B



# Previews

## White Background



This preview shows how the Hex color 113FE3 looks on a white background.

## Color Contrast Check

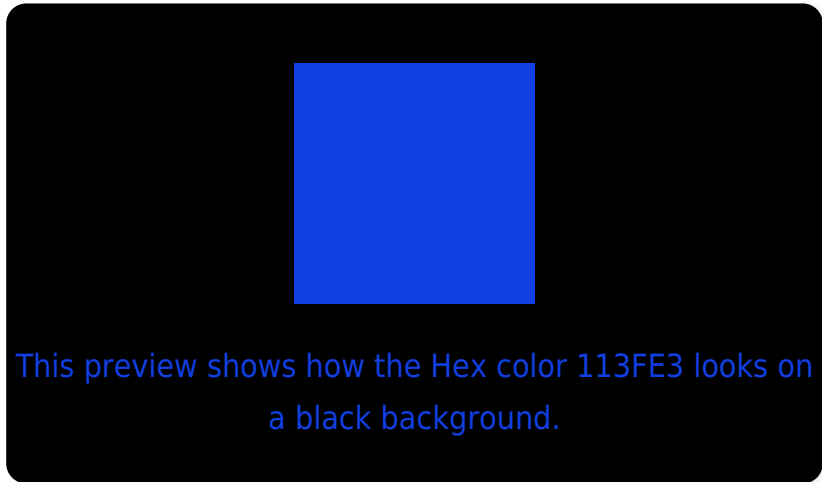
Large Text (above 18pt) WCAG AA ✓ Pass

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

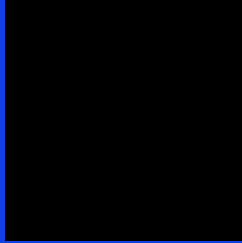
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 113FE3 Background



This preview shows how black text looks on a background with the Hex color 113FE3.

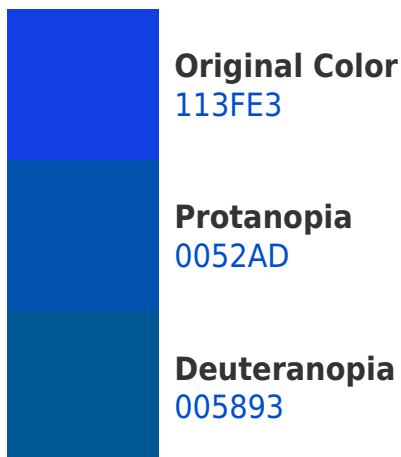


This preview shows how white text looks on a background with the Hex color 113FE3.

# 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**  
005E63

# Trichromacy



**Original Color**  
113FE3

**Protanomaly**  
064BC1

**Deuteranomaly**  
064FB0

**Tritanomaly**  
065392

# Monochromacy



**Original Color**  
113FE3

**Achromatopsia**  
444444

**Achromatomaly**  
31427E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 113FE3 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 #113FE3 looks like.

```
.text, #text, p{  
    color:#113FE3  
}
```

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 #113FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113FE3
}
```

## Border

The CSS property to change the border of an element to Hex 113FE3 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
#113FE3 }
```

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

```
.border{ border-color:#113FE3 }
```

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

Here you see how a box with a 4 pixel #113FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113FE3; -webkit-box-shadow:4px 4px  
4px 4px #113FE3; box-shadow:4px 4px 4px  
4px #113FE3 }
```

# Background

The CSS property to change the background color of an element to Hex 113FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113FE3 }
```

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

```
.background{ background-color:#113FE3 }
```

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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