

Converting Colors

Hex(121EFB)

Have a look what the booklet for
Hex(121EFB) contains.

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Color

Hex(121EFB)

Conversions

Conversions Part 1

Format	Color
Hex	121EFB
RGB	18, 30, 251
RGB Percent	7%, 12%, 98%
CMY	0.9294, 0.8824, 0.0157
CMYK	0.93, 0.88, 0.00, 0.02
HSL	237°, 97%, 53%
HSV	237°, 93%, 98%
XYZ	18.1263, 8.0222, 91.8599
YIQ	51.6060, -78.0930, 66.1870

Conversions

Conversions Part 2

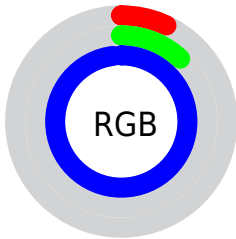
Format	Color
R_{YB}	18, 29, 251
Decimal	1187579
CIE _{Lab}	34.03, 72.16, -102.72
CIE _{LCh}	34, 125.536, 305.086
Yxy	8.0222, 0.1536, 0.0680
Android (android.graphics.Color)	4279377659 (0xFF121EFB)
YUV	51.6060, 98.3012, -29.4725
Hunter-Lab	28.3235, 64.6696, -172.4655

Details

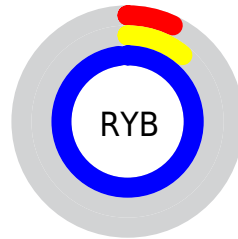
The Hex color **121EFB** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **FBEF12**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7A55FF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **000DFB**, and if you desaturate by 10%, it is **2B36FB**.

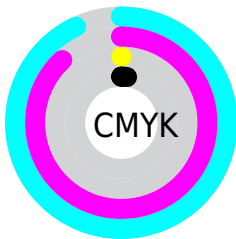
Distribution



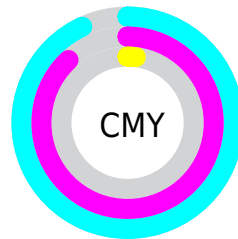
- Red (7%)
- Green (12%)
- Blue (98%)



- Red (7%)
- Yellow (11%)
- Blue (98%)



- Cyan (93%)
- Magenta (88%)
- Yellow (0%)
- Black (2%)



- Cyan (93%)
- Magenta (88%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121EFB 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 121EFB by changing the saturation by 10% instead.

 121EFB

 121EFB

FFFFFF

 0000DD

 7A55FF

 0000C1

 9D6FFF

 0000A4

 BF8AFF

 000089

 E0A6FF

 00106E

 FFC2FF

 000C55

 FFDFFF

 00063C

 FFFCFF

 000226

 00010F

■ 121EFB

■ 121EFB

■ 000DFB

■ 2B36FB

■ 444EFB

■ 5D65FB

■ 767DFB

■ 8F95FB

■ A9ADFB

■ C2C5FB

■ DBDCFB

■ F4F4FB

Harmonies

Analogous

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



0060FF



121EFB



C800A7

Triad

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



121EFB



A01600



006C60

Complementary

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



121EFB



FBEF12

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.



006A00



121EFB



535300

Square

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



121EFB



D60000



006400



0070C5

Rectangle

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



121EFB



E60066



006400



006B3C

Sweetspot

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



121EFB



B8BBFF



12FBEB



545680



000000



808080

Same Dimension

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



121EFB



000DFF



7712FB



70717D



000ABD



00033D

Inverse Universe

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



FB121E



FF000D



96FB12



7D7071



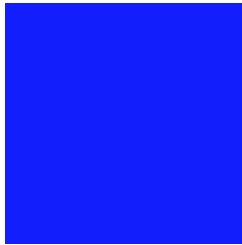
BD000A



3D0003

Previews

White Background



This preview shows how the Hex color 121EFB looks on a white background.

Color Contrast Check

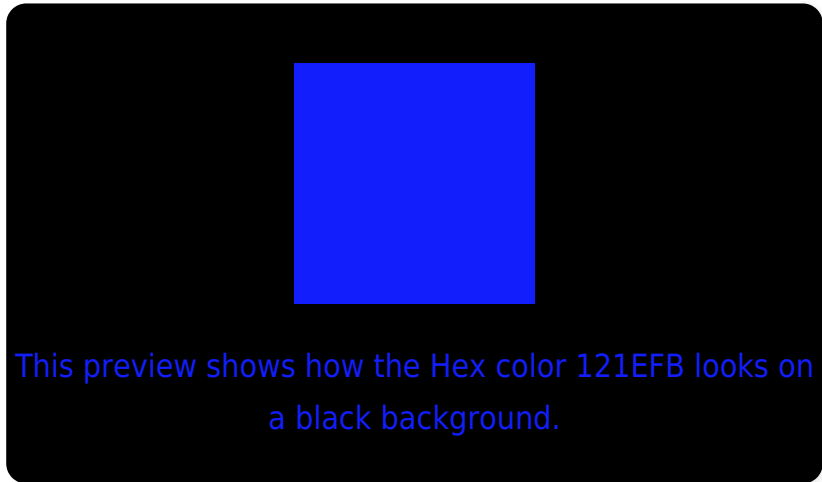
Large Text (above 18pt) WCAG AA ✓ Pass

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 121EFB Background



This preview shows how black text looks on a background with the Hex color 121EFB.



This preview shows how white text looks on a background with the Hex color 121EFB.

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



Original Color
121EFB

Protanopia
004DA1

Deuteranopia
005288



Tritanopia
00585C

Trichromacy



Original Color
121EFB

Protanomaly
073CC2

Deuteranomaly
073FB2

Tritanomaly
074396

Monochromacy



Original Color
121EFB

Achromatopsia
343434

Achromatomaly
282C7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 121EFB 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 #121EFB looks like.

```
.text, #text, p{  
    color:#121EFB  
}
```

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 #121EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121EFB
}
```

Border

The CSS property to change the border of an element to Hex 121EFB 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
#121EFB }
```

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

```
.border{ border-color:#121EFB }
```

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

Here you see how a box with a 4 pixel #121EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121EFB; -webkit-box-shadow:4px 4px  
4px 4px #121EFB; box-shadow:4px 4px 4px  
4px #121EFB }
```

Background

The CSS property to change the background color of an element to Hex 121EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121EFB }
```

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

```
.background{ background-color:#121EFB }
```

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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