

Converting Colors

Hex(120BF7)

Have a look what the booklet for
Hex(120BF7) contains.

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Color

Hex(120BF7)

Conversions

Conversions Part 1

Format	Color
Hex	120BF7
RGB	18, 11, 247
RGB Percent	7%, 4%, 97%
CMY	0.9294, 0.9569, 0.0314
CMYK	0.93, 0.96, 0.00, 0.03
HSL	242°, 94%, 51%
HSV	242°, 96%, 97%
XYZ	17.1576, 7.0833, 88.4586
YIQ	39.9970, -71.5840, 74.8800

Conversions

Conversions Part 2

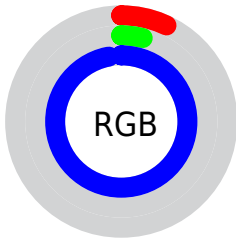
Format	Color
R_{YB}	18, 11, 247
Decimal	1182711
CIE Lab	32.00, 75.70, -103.87
CIE LCh	32, 128.528, 306.086
Yxy	7.0833, 0.1522, 0.0629
Android (android.graphics.Color)	4279372791 (0xFF120BF7)
YUV	39.9970, 102.0525, -19.2914
Hunter-Lab	26.6146, 68.4983, -178.4316

Details

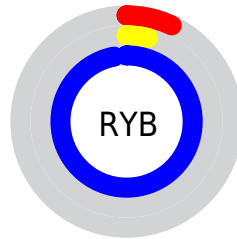
The Hex color **120BF7** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F0F70B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **794AFF**, and **0000BD** is the 20% darker color. If you saturate the color by 10%, you get **0700F7**, and if you desaturate by 10%, it is **2A24F7**.

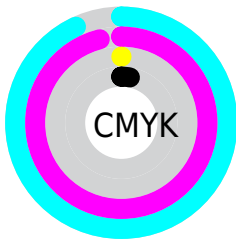
Distribution



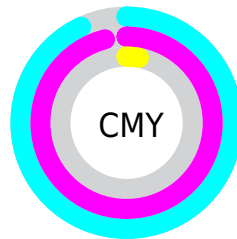
- Red (7%)
- Green (4%)
- Blue (97%)



- Red (7%)
- Yellow (4%)
- Blue (97%)



- Cyan (93%)
- Magenta (96%)
- Yellow (0%)
- Black (3%)



- Cyan (93%)
- Magenta (96%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120BF7 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 120BF7 by changing the saturation by 10% instead.

■ 120BF7

FFFFFF

■ 794AFF

■ 9D66FF

■ BE81FF

■ DF9DFF

■ FFB9FF

■ FFD5FF

■ FFF3FF

■ 120BF7

■ 0000DA

■ 0000BD

■ 0000A1

■ 000085

■ 00116B

■ 000B51

■ 000539

■ 000223

■ 000009

■ 120BF7

■ 120BF7

■ 0700F7

■ 2A24F7

■ 423CF7

■ 5A55F7

■ 726EF7

■ 8A87F7

■ A29FF7

■ BAB8F7

■ D2D1F7

■ EAE9F7

Harmonies

Analogous

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



005CFF



120BF7



C600A0

Triad

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



120BF7



990F00



00675F

Complementary

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



120BF7



F0F70B

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



120BF7



4A5000

Square

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



120BF7



D00000



006000



006BC5

Rectangle

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



120BF7



E3005E



006000



00663B

Sweetspot

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



120BF7



B7B5FF



0BF3F7



545380



000000



808080

Same Dimension

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



120BF7



0800FF



850BF7



6F6E7A



0600BA



02003B

Inverse Universe

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



F70BF0



FF00F7



7DF70B



7A6E7A



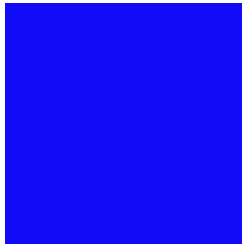
BA00B5



3B0039

Previews

White Background



This preview shows how the Hex color 120BF7 looks on a white background.

Color Contrast Check

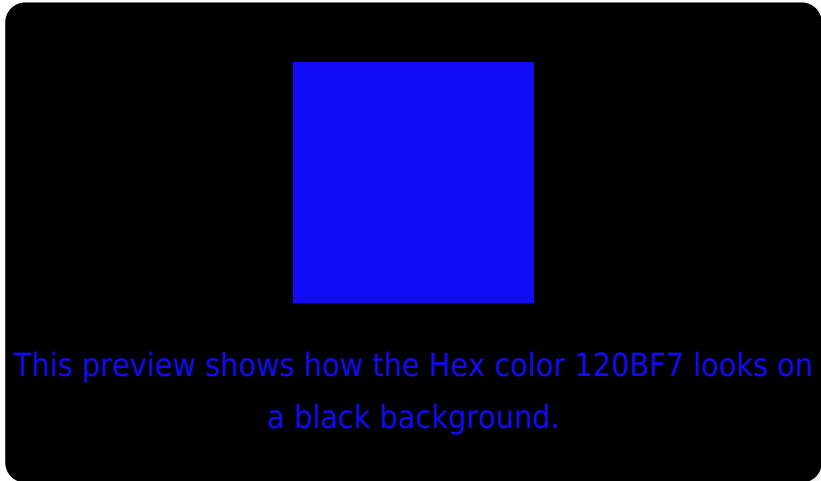
Large Text (above 18pt) WCAG AA ✓ Pass

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 120BF7 Background



This preview shows how black text looks on a background with the Hex color 120BF7.



This preview shows how white text looks on a background with the Hex color 120BF7.

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
120BF7

Protanopia
004999

Deuteranopia
004E81

Trichromacy



Original Color
120BF7

Protanomaly
0732BB

Deuteranomaly
0736AC

Tritanomaly
073991

Monochromacy



Original Color
120BF7

Achromatopsia
282828

Achromatomaly
201D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 120BF7 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 #120BF7 looks like.

```
.text, #text, p{  
    color:#120BF7  
}
```

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 #120BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120BF7
}
```

Border

The CSS property to change the border of an element to Hex 120BF7 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
#120BF7 }
```

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

```
.border{ border-color:#120BF7 }
```

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

Here you see how a box with a 4 pixel #120BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120BF7; -webkit-box-shadow:4px 4px  
4px 4px #120BF7; box-shadow:4px 4px 4px  
4px #120BF7 }
```

Background

The CSS property to change the background color of an element to Hex 120BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120BF7 }
```

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

```
.background{ background-color:#120BF7 }
```

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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