

Converting Colors

Hex(183BFA)

Have a look what the booklet for
Hex(183BFA) contains.

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Color

Hex(183BFA)

Conversions

Conversions Part 1

Format	Color
Hex	183BFA
RGB	24, 59, 250
RGB Percent	9%, 23%, 98%
CMY	0.9059, 0.7686, 0.0196
CMYK	0.90, 0.76, 0.00, 0.02
HSL	231°, 96%, 54%
HSV	231°, 90%, 98%
XYZ	19.1960, 10.2242, 91.4042
YIQ	70.3090, -82.1710, 51.9810

Conversions

Conversions Part 2

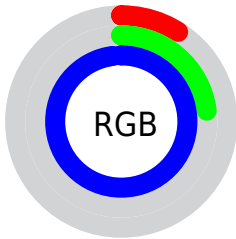
Format	Color
R _Y B	24, 54, 250
Decimal	1588218
CIE Lab	38.24, 59.55, -95.15
CIE LCh	38, 112.249, 302.043
Yxy	10.2242, 0.1589, 0.0846
Android (android.graphics.Color)	4279778298 (0xFF183BFA)
YUV	70.3090, 88.5877, -40.6130
Hunter-Lab	31.9754, 51.2031, -147.1025

Details

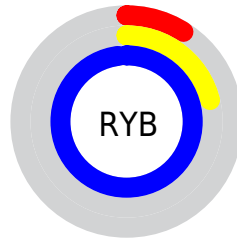
The Hex color **183BFA** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FAD718**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **796DFF**, and **000BC0** is the 20% darker color. If you saturate the color by 10%, you get **0027FA**, and if you desaturate by 10%, it is **3150FA**.

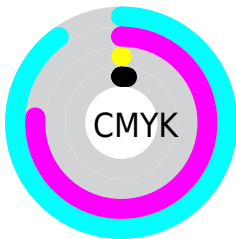
Distribution



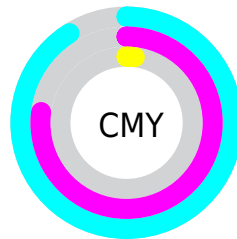
- Red (9%)
- Green (23%)
- Blue (98%)



- Red (9%)
- Yellow (21%)
- Blue (98%)



- Cyan (90%)
- Magenta (76%)
- Yellow (0%)
- Black (2%)



- Cyan (91%)
- Magenta (77%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183BFA 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 183BFA by changing the saturation by 10% instead.

 183BFA

 183BFA

FFFFFF

 0023DD

 796DFF

 000BC0

 9B87FF

 0000A4

 BCA1FF

 000088

 DDBDFF

 000D6E

 FDD9FF

 000B54

 FFF6FF

 00063C

 000225

 00010E

■ 183BFA

■ 183BFA

■ 0027FA

■ 3150FA

■ 4A65FA

■ 637AFA

■ 7C90FA

■ 95A5FA

■ AEBAFA

■ C7CFFA

■ E0E4FA

■ F9F9FA

Harmonies

Analogous

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



0069FF



183BFA



C200B2

Triad

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



183BFA



AE2500



00775F

Complementary

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



183BFA



FAD718

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.



007400



183BFA



695A00

Square

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



183BFA



DC0000



006D00



0079BB

Rectangle

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



183BFA



E30077



006D00



00763E

Sweetspot

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



183BFA



BAC5FF



18FAD4



575D80



000000



808080

Same Dimension

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



183BFA



0027FF



6318FA



70727D



001DBD



00093D

Inverse Universe

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



FA183B



FF0027



AFFA18



7D7072



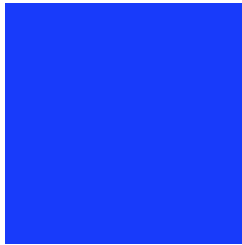
BD001D



3D0009

Previews

White Background



This preview shows how the Hex color 183BFA looks on a white background.

Color Contrast Check

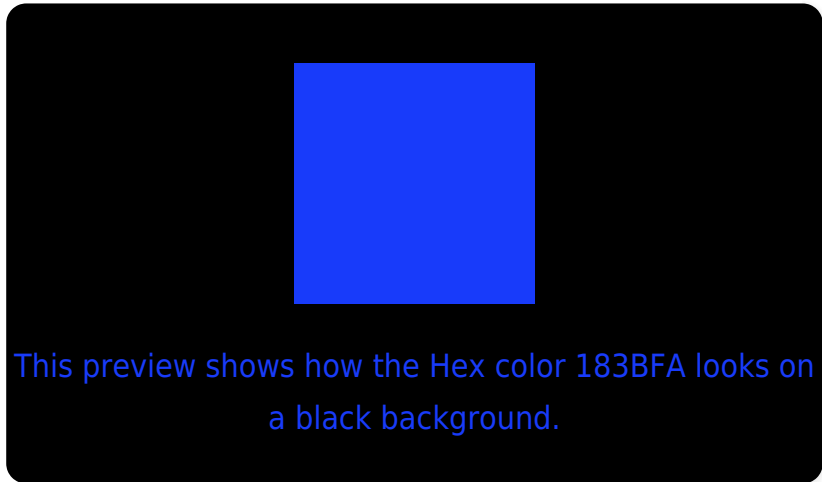
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

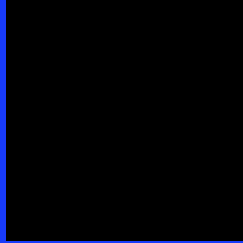
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 183BFA Background



This preview shows how black text looks on a background with the Hex color 183BFA.



This preview shows how white text looks on a background with the Hex color 183BFA.

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
183BFA

Protanopia
0056B4

Deuteranopia
005C99

Trichromacy



Original Color
183BFA

Protanomaly
094CCD

Deuteranomaly
0950BC

Tritanomaly
09549D

Monochromacy



Original Color
183BFA

Achromatopsia
464646

Achromatomaly
354287

CSS Examples

Text

The CSS property to change the color of the text to Hex 183BFA 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 #183BFA looks like.

```
.text, #text, p{  
    color:#183BFA  
}
```

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 #183BFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183BFA
}
```

Border

The CSS property to change the border of an element to Hex 183BFA 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
#183BFA }
```

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

```
.border{ border-color:#183BFA }
```

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

Here you see how a box with a 4 pixel #183BFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183BFA; -webkit-box-shadow:4px 4px  
4px 4px #183BFA; box-shadow:4px 4px 4px  
4px #183BFA }
```

Background

The CSS property to change the background color of an element to Hex 183BFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183BFA }
```

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

```
.background{ background-color:#183BFA }
```

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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