

Converting Colors

Hex(183FF2)

Have a look what the booklet for
Hex(183FF2) contains.

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Color

Hex(183FF2)

Conversions

Conversions Part 1

Format	Color
Hex	183FF2
RGB	24, 63, 242
RGB Percent	9%, 25%, 95%
CMY	0.9059, 0.7529, 0.0510
CMYK	0.90, 0.74, 0.00, 0.05
HSL	229°, 89%, 52%
HSV	229°, 90%, 95%
XYZ	18.1812, 10.1600, 85.0072
YIQ	71.7450, -80.7030, 47.4010

Conversions

Conversions Part 2

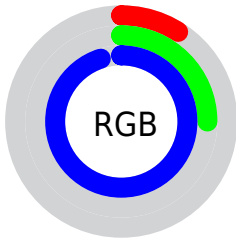
Format	Color
R _Y B	24, 57, 242
Decimal	1589234
CIE Lab	38.13, 54.78, -90.84
CIE LCh	38, 106.076, 301.093
Yxy	10.1600, 0.1604, 0.0896
Android (android.graphics.Color)	4279779314 (0xFF183FF2)
YUV	71.7450, 83.9357, -41.8724
Hunter-Lab	31.8748, 46.0347, -135.8089

Details

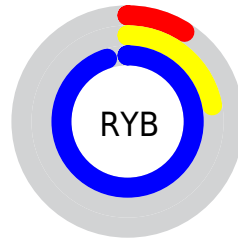
The Hex color **183FF2** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F2CB18**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7670FF**, and **0012B8** is the 20% darker color. If you saturate the color by 10%, you get **002BF2**, and if you desaturate by 10%, it is **3053F2**.

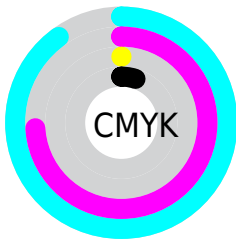
Distribution



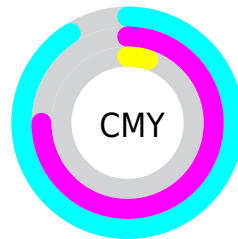
- Red (9%)
- Green (25%)
- Blue (95%)



- Red (9%)
- Yellow (22%)
- Blue (95%)



- Cyan (90%)
- Magenta (74%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (75%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183FF2 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 183FF2 by changing the saturation by 10% instead.

 183FF2

 183FF2

FFFFFF

 0028D5

 7670FF

 0012B8

 988AFF

 00029C

 B9A5FF

 000081

 D9C0FF

 000E67

 F9DCFF

 000A4E

 FFF9FF

 000536

 000220

 000003

■ 183FF2

■ 183FF2

■ 002BF2

■ 3053F2

■ 4867F2

■ 617BF2

■ 798EF2

■ 91A2F2

■ A9B6F2

■ C1CAF2

■ DADEF2

■ F2F2F2

Harmonies

Analogous

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



0068FF



183FF2



BA00AF

Triad

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



183FF2



AC2800



00765B

Complementary

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



183FF2



F2CB18

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.



007300



183FF2



6C5900

Square

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



183FF2



D70006



006C00



0078B2

Rectangle

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



183FF2



DB0077



006C00



00753C

Sweetspot

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



183FF2



BAC6FF



18F2CA



575E80



000000



808080

Same Dimension

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



183FF2



002EFF



5D18F2



6C6E78



0021B8



000A38

Inverse Universe

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



F2183F



FF002E



ADF218



786C6E



B80021



38000A

Previews

White Background



This preview shows how the Hex color 183FF2 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



This preview shows how the Hex color 183FF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

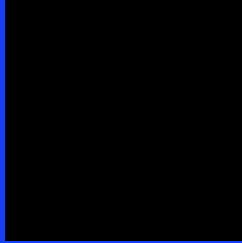
Any Text WCAG AA × Fail

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 183FF2 Background



This preview shows how black text looks on a background with the Hex color 183FF2.



This preview shows how white text looks on a background with the Hex color 183FF2.

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
183FF2

Protanopia
0056B4

Deuteranopia
005B99

Trichromacy



Original Color
183FF2

Protanomaly
094ECB

Deuteranomaly
0951B9

Tritanomaly
09569A

Monochromacy



Original Color
183FF2

Achromatopsia
484848

Achromatomaly
374586

CSS Examples

Text

The CSS property to change the color of the text to Hex 183FF2 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 #183FF2 looks like.

```
.text, #text, p{  
    color:#183FF2  
}
```

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 #183FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183FF2
}
```

Border

The CSS property to change the border of an element to Hex 183FF2 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
#183FF2 }
```

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

```
.border{ border-color:#183FF2 }
```

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

Here you see how a box with a 4 pixel #183FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183FF2; -webkit-box-shadow:4px 4px  
4px 4px #183FF2; box-shadow:4px 4px 4px  
4px #183FF2 }
```

Background

The CSS property to change the background color of an element to Hex 183FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183FF2 }
```

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

```
.background{ background-color:#183FF2 }
```

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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