

Converting Colors

Hex(045BF1)

Have a look what the booklet for
Hex(045BF1) contains.

Hex(045BF1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(045BF1)

Conversions

Conversions Part 1

Format	Color
Hex	045BF1
RGB	4, 91, 241
RGB Percent	2%, 36%, 95%
CMY	0.9843, 0.6431, 0.0549
CMYK	0.98, 0.62, 0.00, 0.05
HSL	218°, 97%, 48%
HSV	218°, 98%, 95%
XYZ	19.6683, 13.8589, 84.8575
YIQ	82.0870, -100.0020, 28.2060

Conversions

Conversions Part 2

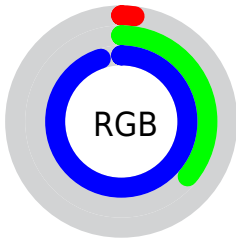
Format	Color
RYB	4, 68, 241
Decimal	285681
CIELab	44.03, 36.99, -80.55
CIELCh	44, 88.640, 294.667
Yxy	13.8589, 0.1661, 0.1171
Android (android.graphics.Color)	4278475761 (0xFF045BF1)
YUV	82.0870, 78.3441, -68.4823
Hunter-Lab	37.2275, 29.1585, -109.0882

Details

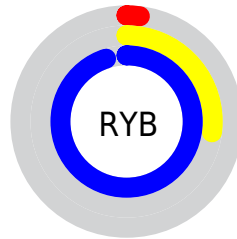
The Hex color **045BF1** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **F19A04**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6F8DFF**, and **002FB8** is the 20% darker color. If you saturate the color by 10%, you get **0058F1**, and if you desaturate by 10%, it is **1C6AF1**.

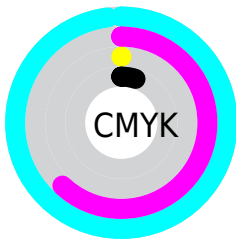
Distribution



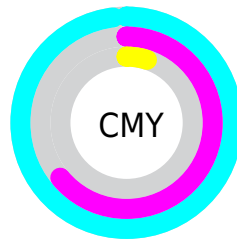
- Red (2%)
- Green (36%)
- Blue (95%)



- Red (2%)
- Yellow (27%)
- Blue (95%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (5%)




- Cyan (98%)
- Magenta (64%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045BF1 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 045BF1 by changing the saturation by 10% instead.

 045BF1

 045BF1

FFFFFF

 0044D4

 6F8DFF

 002FB8

 91A7FF

 001C9C

 B2C2FF

 000A81

 D2DEFF

 000967

 F1FAFF

 000A4E

 000536

 000220

 000003

■ 045BF1

■ 045BF1

■ 0058F1

■ 1C6AF1

■ 347AF1

■ 4C89F1

■ 6498F1

■ 7CA7F1

■ 95B7F1

■ ADC6F1

■ C5D5F1

■ DDE4F1

Harmonies

Analogous

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



0077FE



045BF1



AF1FBF

Triad

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



045BF1



BF3900



008358

Complementary

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



045BF1



F19A04

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.



007F00



045BF1



8A6100

Square

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



045BF1



DE0031



437600



0085A4

Rectangle

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



045BF1



D30091



437600



00823E

Sweetspot

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



045BF1



B3CFFF



04F196



526280



000000



808080

Same Dimension

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



045BF1



005EFF



2004F1



6C7078



0043B8



001538

Inverse Universe

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



F1045B



FF005E



D5F104



786C70



B80043



380015

Previews

White Background



This preview shows how the Hex color 045BF1 looks on a white background.

Color Contrast Check

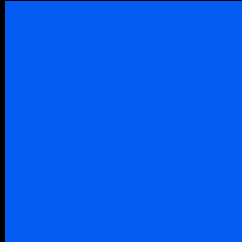
Large Text (above 18pt) WCAG AA ✓ Pass

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 045BF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

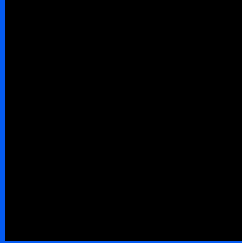
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

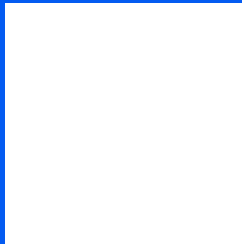
Any Text WCAG AAA × Fail

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

Hex 045BF1 Background



This preview shows how black text looks on a background with the Hex color 045BF1.



This preview shows how white text looks on a background with the Hex color 045BF1.

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





Trichromacy



Original Color
045BF1

Protanomaly
0161DE

Deuteranomaly
0165CA

Tritanomaly
016AA5

Monochromacy



Original Color
045BF1

Achromatopsia
525252

Achromatomaly
36558C

CSS Examples

Text

The CSS property to change the color of the text to Hex 045BF1 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 #045BF1 looks like.

```
.text, #text, p{  
    color:#045BF1  
}
```

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 #045BF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045BF1  
}
```

Border

The CSS property to change the border of an element to Hex 045BF1 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  
#045BF1 }
```

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

```
.border{ border-color:#045BF1 }
```

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

Here you see how a box with a 4 pixel #045BF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045BF1; -webkit-box-shadow:4px 4px  
4px 4px #045BF1; box-shadow:4px 4px 4px  
4px #045BF1 }
```

Background

The CSS property to change the background color of an element to Hex 045BF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045BF1 }
```

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

```
.background{ background-color:#045BF1 }
```

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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