

Converting Colors

Hex(065FB4)

Have a look what the booklet for
Hex(065FB4) contains.

Hex(065FB4)	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(065FB4)

Conversions

Conversions Part 1

Format	Color
Hex	065FB4
RGB	6, 95, 180
RGB Percent	2%, 37%, 71%
CMY	0.9765, 0.6275, 0.2941
CMYK	0.97, 0.47, 0.00, 0.29
HSL	209°, 94%, 36%
HSV	209°, 97%, 71%
XYZ	12.4055, 11.5184, 44.7495
YIQ	78.0790, -80.3290, 7.5670

Conversions

Conversions Part 2

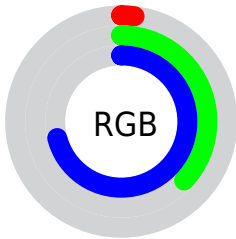
Format	Color
RYB	6, 65, 180
Decimal	417716
CIELab	40.44, 10.35, -51.39
CIELCh	40, 52.419, 281.388
Yxy	11.5184, 0.1806, 0.1677
Android (android.graphics.Color)	4278607796 (0xFF065FB4)
YUV	78.0790, 50.2471, -63.2133
Hunter-Lab	33.9388, 5.8536, -54.4187

Details

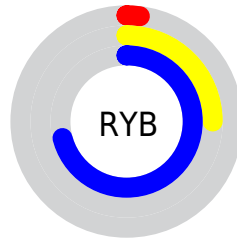
The Hex color **065FB4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B45B06**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D91EC**, and **00327E** is the 20% darker color. If you saturate the color by 10%, you get **005CB4**, and if you desaturate by 10%, it is **1868B4**.

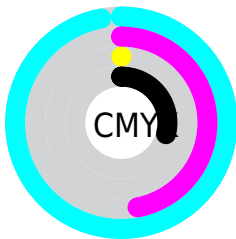
Distribution



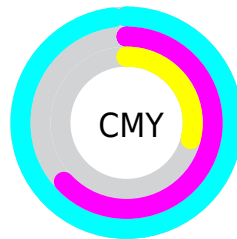
- Red (2%)
- Green (37%)
- Blue (71%)



- Red (2%)
- Yellow (25%)
- Blue (71%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)
- Black (29%)



- Cyan (98%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065FB4 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 065FB4 by changing the saturation by 10% instead.

■ 065FB4

■ 065FB4

FFFFFF

■ 004899

■ 5D91EC

■ 00327E

■ 7CABFF

■ 001E65

■ 9AC6FF

■ 00034C

■ B8E2FF

■ 000535

■ D6FFFF

■ 00021E

■ F4FFFF

■ 000001

■ 000000

■ 065FB4

■ 065FB4

■ 005CB4

■ 1868B4

■ 2A71B4

■ 3C79B4

■ 4E82B4

■ 608BB4

■ 7294B4

■ 849DB4

■ 96A5B4

■ A8AEB4

Harmonies

Analogous

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



006BB1



065FB4



754CA0

Triad

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



065FB4



A24028



007142

Complementary

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



065FB4



B45B06

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.



336C17



065FB4



895300

Square

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



065FB4



AB3151



646300



00736F

Rectangle

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



065FB4



943E89



646300



007034

Sweetspot

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



065FB4



A7C9EB



06B45A



4C6175



F5F5F5



757575

Same Dimension

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



065FB4



0078EB



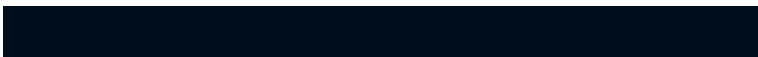
0609B4



505559



004E99



000D1A

Inverse Universe

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



B4065F



EB0078



B4B106



595055



99004E



1A000D

Previews

White Background



This preview shows how the Hex color 065FB4 looks on a white background.

Color Contrast Check

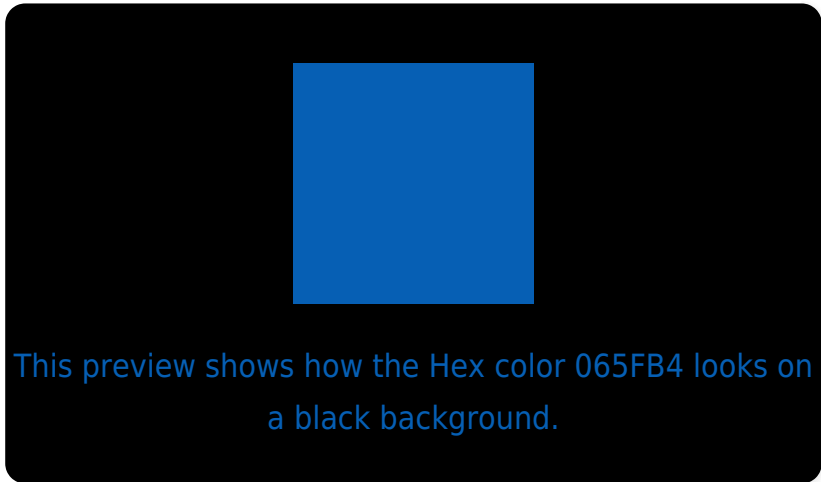
Large Text (above 18pt) WCAG AA ✓ Pass

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

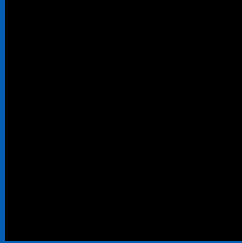
Any Text WCAG AA × Fail

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 065FB4 Background



This preview shows how black text looks on a background with the Hex color 065FB4.



This preview shows how white text looks on a background with the Hex color 065FB4.

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





Tritanopia
006A71

Trichromacy



Original Color
065FB4

Protanomaly
225DB2

Deuteranomaly
0260AE

Tritanomaly
026689

Monochromacy



Original Color
065FB4

Achromatopsia
4E4E4E

Achromatomaly
345473

CSS Examples

Text

The CSS property to change the color of the text to Hex 065FB4 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 #065FB4 looks like.

```
.text, #text, p{  
    color:#065FB4  
}
```

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 #065FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065FB4
}
```

Border

The CSS property to change the border of an element to Hex 065FB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

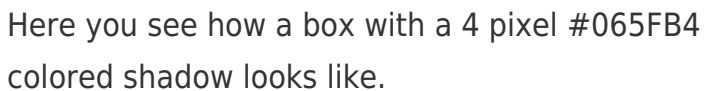
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#065FB4 }
```

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

```
.border{ border-color:#065FB4 }
```

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



Here you see how a box with a 4 pixel #065FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065FB4; -webkit-box-shadow:4px 4px  
4px 4px #065FB4; box-shadow:4px 4px 4px  
4px #065FB4 }
```

Background

The CSS property to change the background color of an element to Hex 065FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065FB4 }
```

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

```
.background{ background-color:#065FB4 }
```

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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