

Converting Colors

Hex(066FBE)

Have a look what the booklet for
Hex(066FBE) contains.

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Color

Hex(066FBE)

Conversions

Conversions Part 1

Format	Color
Hex	066FBE
RGB	6, 111, 190
RGB Percent	2%, 44%, 75%
CMY	0.9765, 0.5647, 0.2549
CMYK	0.97, 0.42, 0.00, 0.25
HSL	206°, 94%, 38%
HSV	206°, 97%, 75%
XYZ	15.0538, 15.1253, 50.8413
YIQ	88.6110, -87.9390, 2.3090

Conversions

Conversions Part 2

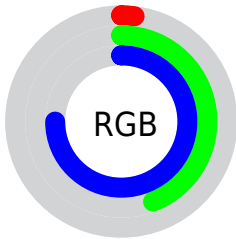
Format	Color
R_{YB}	6, 73, 190
Decimal	421822
CIE _{Lab}	45.81, 4.12, -48.60
CIE _{LCh}	46, 48.774, 274.848
Yxy	15.1253, 0.1858, 0.1867
Android (android.graphics.Color)	4278611902 (0xFF066FBE)
YUV	88.6110, 49.9848, -72.4498
Hunter-Lab	38.8913, 1.0331, -50.2840

Details

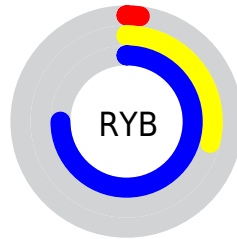
The Hex color **066FBE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BE5506**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **60A2F7**, and **004088** is the 20% darker color. If you saturate the color by 10%, you get **006CBE**, and if you desaturate by 10%, it is **1977BE**.

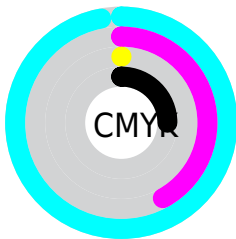
Distribution



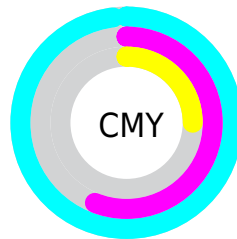
- Red (2%)
- Green (44%)
- Blue (75%)



- Red (2%)
- Yellow (29%)
- Blue (75%)



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066FBE 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 066FBE by changing the saturation by 10% instead.

■ 066FBE

■ 066FBE

FFFFFF

■ 0057A3

■ 60A2F7

■ 004088

■ 7FBDF7

■ 002B6E

■ 9DD9FF

■ 001755

■ BBF5FF

■ 00063D

■ D9FFFF

■ 000327

■ F8FFFF

■ 000110

■ 000000

■ 066FBE

■ 066FBE

■ 006CBE

■ 1977BE

■ 2C7FBE

■ 3F87BE

■ 5290BE

■ 6598BE

■ 78A0BE

■ 8BA8BE

■ 9EB0BE

■ B1B8BE

Harmonies

Analogous

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



007AB6



066FBE



765FB0

Triad

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



066FBE



B24D40



007D48

Complementary

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



066FBE



BE5506

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.



517724



066FBE



9C5D20

Square

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



066FBE



B54568



7B6D0F



008072

Rectangle

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



066FBE



97539C



7B6D0F



287C3B

Sweetspot

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



066FBE



B0D9F7



06BE53



516A7D



FCFCFC



7D7D7D

Same Dimension

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



066FBE



008DF7



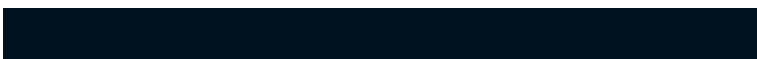
0615BE



555A5E



005A9E



00111F

Inverse Universe

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



BE066F



F7008D



BEAF06



5E555A



9E005A



1F0011

Previews

White Background



This preview shows how the Hex color 066FBE looks on a white background.

Color Contrast Check

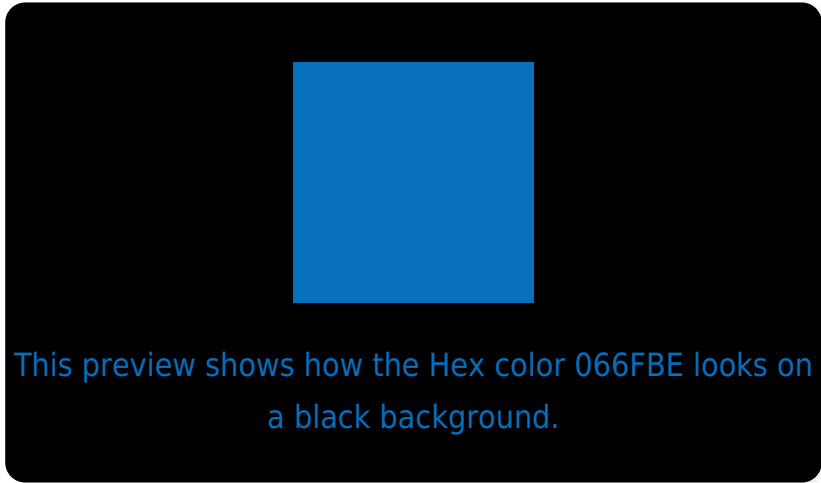
Large Text (above 18pt) WCAG AA ✓ Pass

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

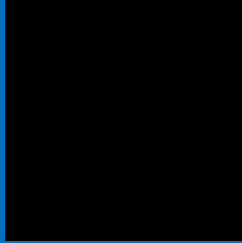
Any Text WCAG AA × Fail

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 066FBE Background



This preview shows how black text looks on a background with the Hex color 066FBE.



This preview shows how white text looks on a background with the Hex color 066FBE.

Color Blindness Simulation

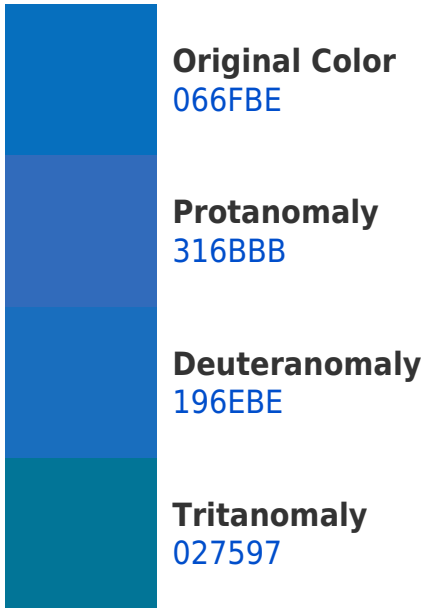
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 066FBE 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 #066FBE looks like.

```
.text, #text, p{  
    color:#066FBE  
}
```

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 #066FBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066FBE
}
```

Border

The CSS property to change the border of an element to Hex 066FBE 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
#066FBE }
```

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

```
.border{ border-color:#066FBE }
```

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

Here you see how a box with a 4 pixel #066FBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066FBE; -webkit-box-shadow:4px 4px  
4px 4px #066FBE; box-shadow:4px 4px 4px  
4px #066FBE }
```

Background

The CSS property to change the background color of an element to Hex 066FBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066FBE }
```

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

```
.background{ background-color:#066FBE }
```

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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