

Converting Colors

Hex(066BE6)

Have a look what the booklet for
Hex(066BE6) contains.

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Color

Hex(066BE6)

Conversions

Conversions Part 1

Format	Color
Hex	066BE6
RGB	6, 107, 230
RGB Percent	2%, 42%, 90%
CMY	0.9765, 0.5804, 0.0980
CMYK	0.97, 0.53, 0.00, 0.10
HSL	213°, 95%, 46%
HSV	213°, 97%, 90%
XYZ	19.6157, 16.2673, 76.9689
YIQ	90.8230, -99.6790, 16.8410

Conversions

Conversions Part 2

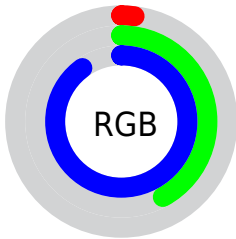
Format	Color
RYB	6, 76, 230
Decimal	420838
CIELab	47.32, 22.53, -68.98
CIELCh	47, 72.571, 288.089
Yxy	16.2673, 0.1738, 0.1441
Android (android.graphics.Color)	4278610918 (0xFF066BE6)
YUV	90.8230, 68.6143, -74.3898
Hunter-Lab	40.3327, 16.2308, -84.9132

Details

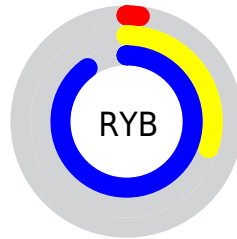
The Hex color **066BE6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E68106**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6B9EFF**, and **003DAD** is the 20% darker color. If you saturate the color by 10%, you get **0068E6**, and if you desaturate by 10%, it is **1D78E6**.

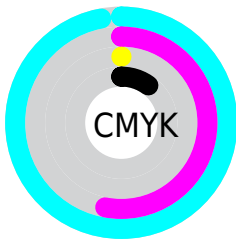
Distribution



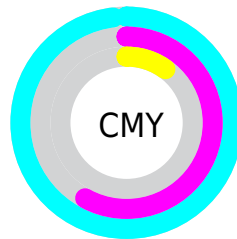
- Red (2%)
- Green (42%)
- Blue (90%)



- Red (2%)
- Yellow (30%)
- Blue (90%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (98%)
- Magenta (58%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066BE6 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 066BE6 by changing the saturation by 10% instead.

 066BE6

 066BE6

FFFFFF

 0053C9

 6B9EFF

 003DAD

 8CB8FF

 002992

 ACD4FF

 001778

 CCF0FF

 00065E

 EBFFFF

 000845

 00042E

 000118

 000000

■ 066BE6

■ 066BE6

■ 0068E6

■ 1D78E6

■ 3484E6

■ 4B91E6

■ 629EE6

■ 79AAE6

■ 90B7E6

■ A7C3E6

■ BED0E6

■ D5DDE6

Harmonies

Analogous

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



007FE9



066BE6



9F4BC3

Triad

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



066BE6



C54610



008955

Complementary

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



066BE6



E68106

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.



00840B



066BE6



9C6500

Square

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



066BE6



D9204F



667900



008A95

Rectangle

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



066BE6



C4309F



667900



00873F

Sweetspot

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



066BE6



B5D6FF



06E67D



536780



000000



808080

Same Dimension

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



066BE6



0073FF



0D06E6



676C73



0050B3



001733

Inverse Universe

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



E6066B



FF0073



DFE606



73676C



B30050



330017

Previews

White Background



This preview shows how the Hex color 066BE6 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 066BE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

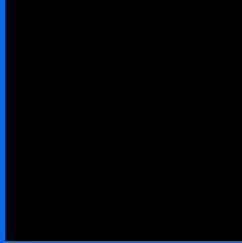
Any Text WCAG AA × Fail

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 066BE6 Background



This preview shows how black text looks on a background with the Hex color 066BE6.



This preview shows how white text looks on a background with the Hex color 066BE6.

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
066BE6

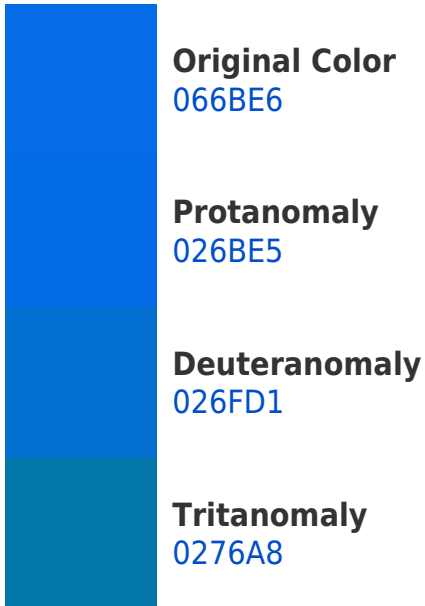
Protanopia
006BE5

Deuteranopia
0072C5



Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 066BE6 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 #066BE6 looks like.

```
.text, #text, p{  
    color:#066BE6  
}
```

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 #066BE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066BE6
}
```

Border

The CSS property to change the border of an element to Hex 066BE6 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
#066BE6 }
```

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

```
.border{ border-color:#066BE6 }
```

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

Here you see how a box with a 4 pixel #066BE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066BE6; -webkit-box-shadow:4px 4px  
4px 4px #066BE6; box-shadow:4px 4px 4px  
4px #066BE6 }
```

Background

The CSS property to change the background color of an element to Hex 066BE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066BE6 }
```

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

```
.background{ background-color:#066BE6 }
```

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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