

Converting Colors

Hex(006EBA)

Have a look what the booklet for
Hex(006EBA) contains.

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Color

Hex(006EBA)

Conversions

Conversions Part 1

Format	Color
Hex	006EBA
RGB	0, 110, 186
RGB Percent	0%, 43%, 73%
CMY	1.0000, 0.5686, 0.2706
CMYK	1.00, 0.41, 0.00, 0.27
HSL	205°, 100%, 36%
HSV	205°, 100%, 73%
XYZ	14.4389, 14.6970, 48.5302
YIQ	85.7740, -89.9560, 0.3160

Conversions

Conversions Part 2

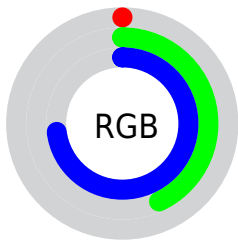
Format	Color
RYB	0, 69, 186
Decimal	28346
CIELab	45.22, 2.93, -47.23
CIELCh	45, 47.318, 273.544
Yxy	14.6970, 0.1859, 0.1892
Android (android.graphics.Color)	4278218426 (0xFF006EBA)
YUV	85.7740, 49.4114, -75.2238
Hunter-Lab	38.3367, 0.1397, -48.2191

Details

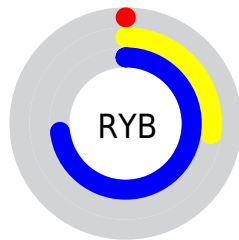
The Hex color **006EBA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA4C00**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5DA1F3**, and **003F84** is the 20% darker color. If you saturate the color by 10%, you get **006EBA**, and if you desaturate by 10%, it is **1376BA**.

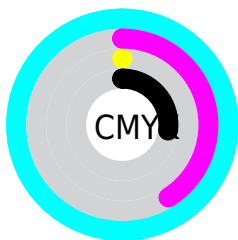
Distribution



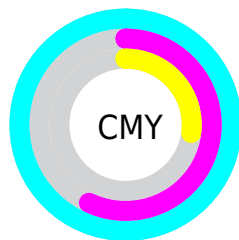
- Red (0%)
- Green (43%)
- Blue (73%)



- Red (0%)
- Yellow (27%)
- Blue (73%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006EBA 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 006EBA by changing the saturation by 10% instead.

 006EBA

 006EBA

FFFFFF

 00569F

 5DA1F3

 003F84

 7DBCFF

 002A6A

 9BD8FF

 001652

 B9F4FF

 00053A

 D7FFFF

 000224

 F5FFFF

 00000B

 000000

 006EBA

■ 1376BA

■ 257DBA

■ 3885BA

■ 4A8CBA

■ 5D94BA

■ 709CBA

■ 82A3BA

■ 95ABBA

■ A7B2BA

Harmonies

Analogous

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



0078B1



006EBA



725FAD

Triad

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



006EBA



AF4C42



037B46

Complementary

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



006EBA



BA4C00

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.



537524



006EBA



9B5C22

Square

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



006EBA



B24568



7B6B12



007E6F

Rectangle

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



006EBA



93539A



7B6B12



2D7A3A

Sweetspot

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



006EBA



AAD5F2



00BA4A



4E687A



FAFAFA



7A7A7A

Same Dimension

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



006EBA



008FF2



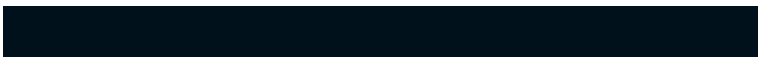
0013BA



53585C



005C9C



00111C

Inverse Universe

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



BA006E



F2008F



BAA700



5C5358



9C005C



1C0011

Previews

White Background



This preview shows how the Hex color 006EBA looks on a white background.

Color Contrast Check

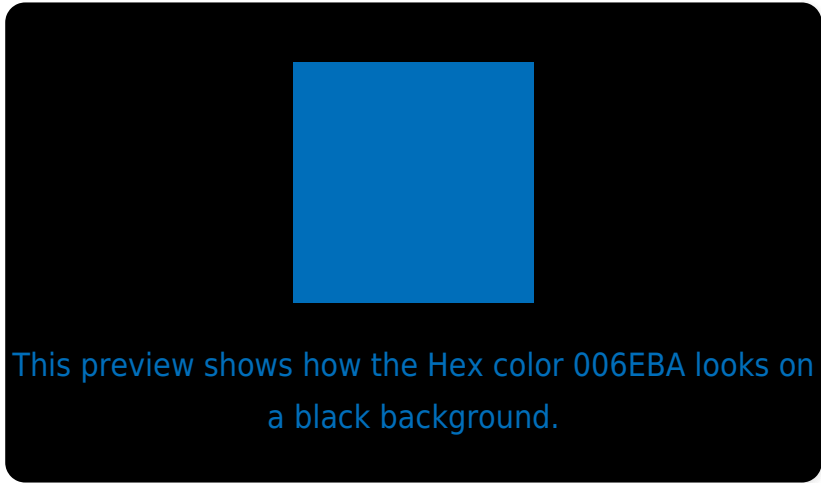
Large Text (above 18pt) WCAG AA ✓ Pass

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 006EBA Background



This preview shows how black text looks on a background with the Hex color 006EBA.

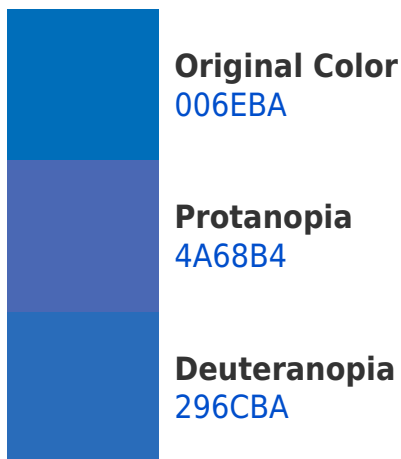


This preview shows how white text looks on a background with the Hex color 006EBA.

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](#).

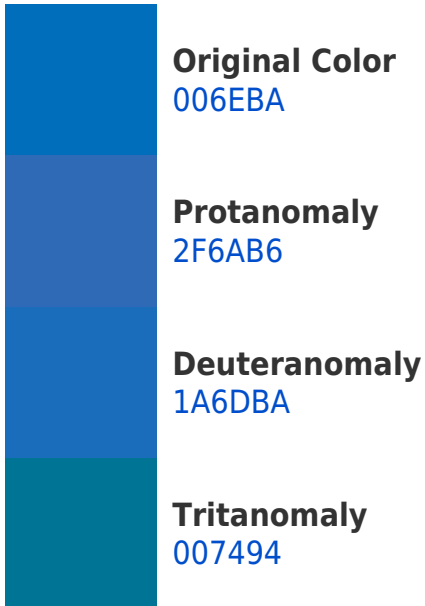
Dichromacy





Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006EBA 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 #006EBA looks like.

```
.text, #text, p{  
    color:#006EBA  
}
```

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 #006EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006EBA
}
```

Border

The CSS property to change the border of an element to Hex 006EBA 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
#006EBA }
```

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

```
.border{ border-color:#006EBA }
```

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

Here you see how a box with a 4 pixel #006EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006EBA; -webkit-box-shadow:4px 4px  
4px 4px #006EBA; box-shadow:4px 4px 4px  
4px #006EBA }
```

Background

The CSS property to change the background color of an element to Hex 006EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006EBA }
```

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

```
.background{ background-color:#006EBA }
```

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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