

Converting Colors

Hex(005EB2)

Have a look what the booklet for
Hex(005EB2) contains.

Hex(005EB2)	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(005EB2)

Conversions

Conversions Part 1

Format	Color
Hex	005EB2
RGB	0, 94, 178
RGB Percent	0%, 37%, 70%
CMY	1.0000, 0.6314, 0.3020
CMYK	1.00, 0.47, 0.00, 0.30
HSL	208°, 100%, 35%
HSV	208°, 100%, 70%
XYZ	12.0386, 11.2198, 43.6506
YIQ	75.4700, -82.9880, 6.1960

Conversions

Conversions Part 2

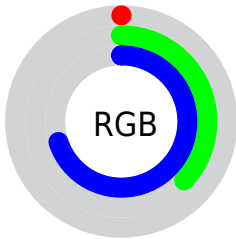
Format	Color
RYB	0, 62, 178
Decimal	24242
CIELab	39.95, 9.95, -51.01
CIELCh	40, 51.969, 281.033
Yxy	11.2198, 0.1799, 0.1677
Android (android.graphics.Color)	4278214322 (0xFF005EB2)
YUV	75.4700, 50.5473, -66.1872
Hunter-Lab	33.4959, 5.5359, -53.8174

Details

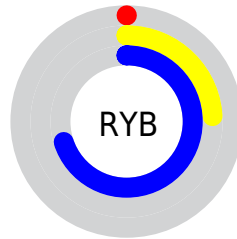
The Hex color **005EB2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B25400**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5B90EA**, and **00317D** is the 20% darker color. If you saturate the color by 10%, you get **005EB2**, and if you desaturate by 10%, it is **1266B2**.

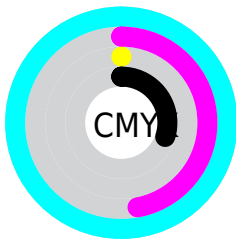
Distribution



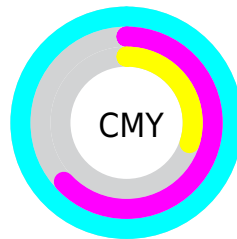
- Red (0%)
- Green (37%)
- Blue (70%)



- Red (0%)
- Yellow (24%)
- Blue (70%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005EB2 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 005EB2 by changing the saturation by 10% instead.

■ 005EB2

■ 005EB2

FFFFFF

■ 004797

■ 5B90EA

■ 00317D

■ 7AAAFF

■ 001E63

■ 98C5FF

■ 00014B

■ B6E1FF

■ 000433

■ D4FEFF

■ 00021D

■ F2FFFF

■ 000000

■ 005EB2

■ 1266B2

 246FB2

 3577B2

 4780B2

 5988B2

 6B90B2

 7D99B2

 8EA1B2

 A0AAB2

Harmonies

Analogous

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



006AAF



005EB2



734B9F

Triad

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



005EB2



A13F28



007041

Complementary

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



005EB2



B25400

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.



336B16



005EB2



875200

Square

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



005EB2



A93150



636100



00716D

Rectangle

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



005EB2



923D88



636100



006E32

Sweetspot

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



005EB2



A2C7E8



00B253



4B6175



F5F5F5



757575

Same Dimension

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



005EB2



007BE8



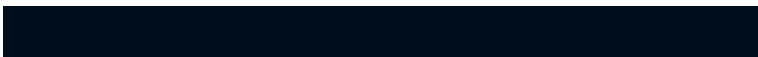
0006B2



505559



005199



000D1A

Inverse Universe

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



B2005E



E8007B



B2AC00



595055



990051



1A000D

Previews

White Background



This preview shows how the Hex color 005EB2 looks on a white background.

Color Contrast Check

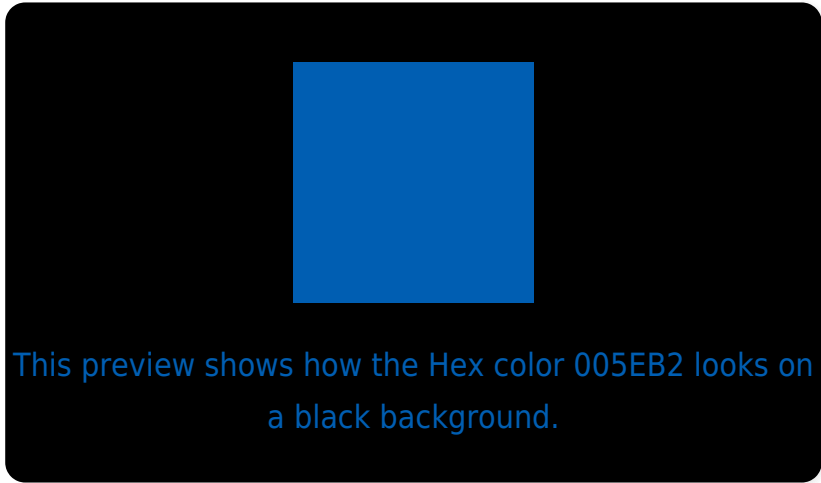
Large Text (above 18pt) WCAG AA ✓ Pass

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

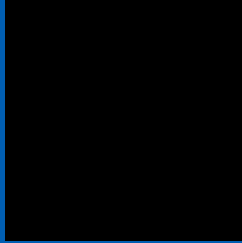
Any Text WCAG AA × Fail

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 005EB2 Background



This preview shows how black text looks on a background with the Hex color 005EB2.

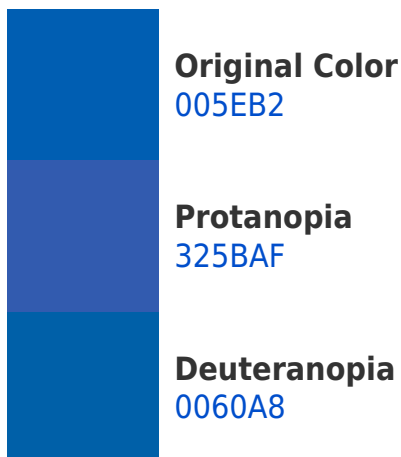


This preview shows how white text looks on a background with the Hex color 005EB2.

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](#).

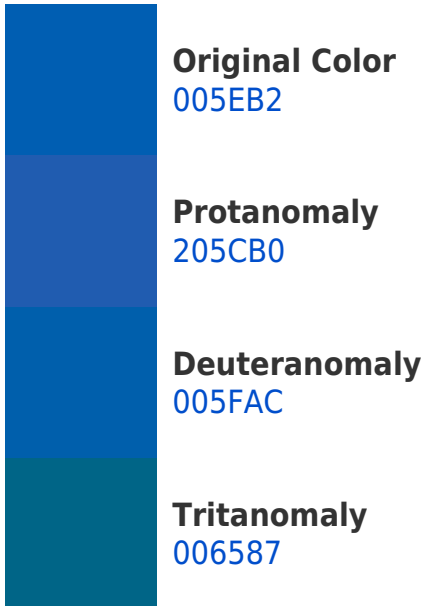
Dichromacy





Tritanopia
00696F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005EB2 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 #005EB2 looks like.

```
.text, #text, p{  
    color:#005EB2  
}
```

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 #005EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005EB2
}
```

Border

The CSS property to change the border of an element to Hex 005EB2 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
#005EB2 }
```

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

```
.border{ border-color:#005EB2 }
```

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

Here you see how a box with a 4 pixel #005EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005EB2; -webkit-box-shadow:4px 4px  
4px 4px #005EB2; box-shadow:4px 4px 4px  
4px #005EB2 }
```

Background

The CSS property to change the background color of an element to Hex 005EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005EB2 }
```

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

```
.background{ background-color:#005EB2 }
```

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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