

Converting Colors

Hex(004EB0)

Have a look what the booklet for
Hex(004EB0) contains.

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Color

Hex(004EB0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 004EB0 |
| RGB | 0, 78, 176 |
| RGB Percent | 0%, 31%, 69% |
| CMY | 1.0000, 0.6941, 0.3098 |
| CMYK | 1.00, 0.56, 0.00, 0.31 |
| HSL | 213°, 100%, 35% |
| HSV | 213°, 100%, 69% |
| XYZ | 10.5609, 8.5834, 42.1744 |
| YIQ | 65.8500, -77.9460, 13.9420 |

Conversions

Conversions Part 2

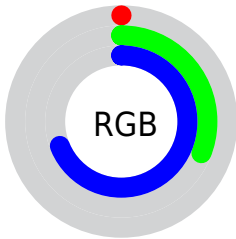
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 54, 176 |
| Decimal | 20144 |
| CIELab | 35.17, 19.82, -57.57 |
| CIELCh | 35, 60.882, 288.996 |
| Yxy | 8.5834, 0.1722, 0.1400 |
| Android (android.graphics.Color) | 4278210224 (0xFF004EB0) |
| YUV | 65.8500, 54.3040, -57.7504 |
| Hunter-Lab | 29.2974, 13.0737, -64.8415 |

Details

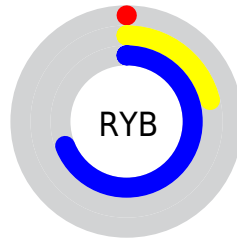
The Hex color **004EB0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B06200**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5B7EE8**, and **00237A** is the 20% darker color. If you saturate the color by 10%, you get **004EB0**, and if you desaturate by 10%, it is **1258B0**.

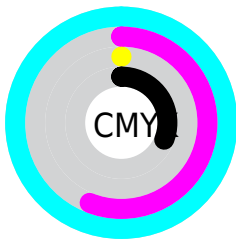
Distribution



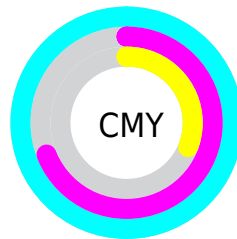
- Red (0%)
- Green (31%)
- Blue (69%)



- Red (0%)
- Yellow (21%)
- Blue (69%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004EB0 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 004EB0 by changing the saturation by 10% instead.

■ 004EB0

■ 004EB0

FFFFFF

■ 003895

■ 5B7EE8

■ 00237A

■ 7A98FF

■ 001061

■ 98B3FF

■ 000848

■ B6CEFF

■ 000431

■ D4EAFF

■ 00011B

■ F2FFFF

■ 000000

■ 004EB0

■ 1258B0

■ 2362B0

■ 356BB0

■ 4675B0

■ 587FB0

■ 6A89B0

■ 7B93B0

■ 8D9CB0

■ 9EA6B0

Harmonies

Analogous

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



005EB3



004EB0



793393

Triad

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



004EB0



953103



00663E

Complementary

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



004EB0



B06200

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.



006203



004EB0



744A00

Square

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



004EB0



A50E37



495A00



006771

Rectangle

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



004EB0



961B77



495A00



00652D

Sweetspot

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



004EB0



A1BFE6



00B061



495C73



F2F2F2



737373

Same Dimension

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



004E80



0066E6



0900B0



505459



004499



000B1A

Inverse Universe

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



B0004E



E60066



A7B000



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 004EB0 looks on a white background.

Color Contrast Check

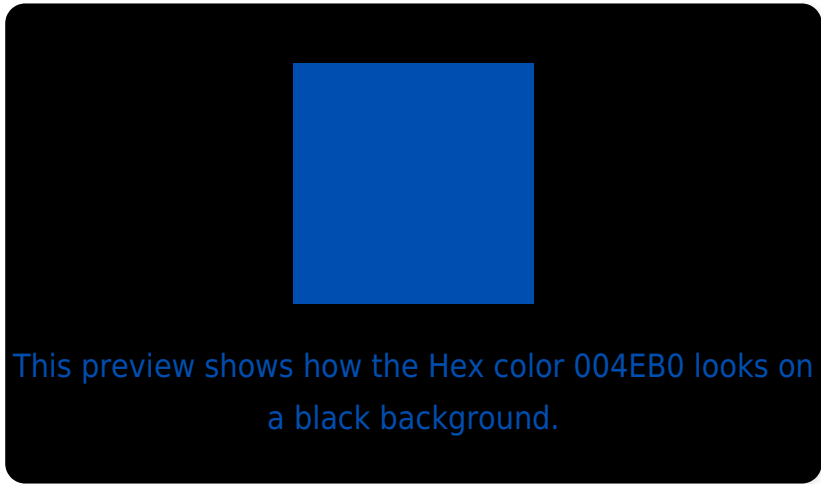
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

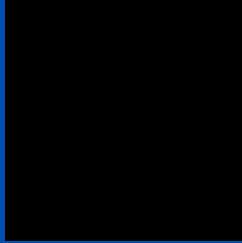
Any Text WCAG AA × Fail

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 004EB0 Background



This preview shows how black text looks on a background with the Hex color 004EB0.



This preview shows how white text looks on a background with the Hex color 004EB0.

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

004E80

Protanopia

0050A9

Deuteranopia

005592



Trichromacy



Original Color
004E80

Protanomaly
004FAC

Deuteranomaly
00529D

Tritanomaly
00577E

Monochromacy



Original Color
004E80

Achromatopsia
424242

Achromatomaly
2A466A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004EB0 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 #004EB0 looks like.

```
.text, #text, p{  
    color:#004EB0  
}
```

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 #004EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004EB0
}
```

Border

The CSS property to change the border of an element to Hex 004EB0 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
#004EB0 }
```

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

```
.border{ border-color:#004EB0 }
```

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

Here you see how a box with a 4 pixel #004EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004EB0; -webkit-box-shadow:4px 4px  
4px 4px #004EB0; box-shadow:4px 4px 4px  
4px #004EB0 }
```

Background

The CSS property to change the background color of an element to Hex 004EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004EB0 }
```

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

```
.background{ background-color:#004EB0 }
```

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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