

Converting Colors

Hex(004EC0)

Have a look what the booklet for
Hex(004EC0) contains.

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Color

Hex(004EC0)

Conversions

Conversions Part 1

Format	Color
Hex	004EC0
RGB	0, 78, 192
RGB Percent	0%, 31%, 75%
CMY	1.0000, 0.6941, 0.2471
CMYK	1.00, 0.59, 0.00, 0.25
HSL	216°, 100%, 38%
HSV	216°, 100%, 75%
XYZ	12.2388, 9.2545, 51.0104
YIQ	67.6740, -83.0820, 18.9180

Conversions

Conversions Part 2

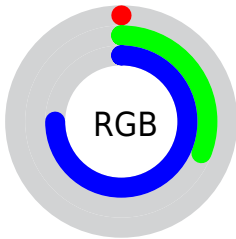
Format	Color
RYB	0, 55, 192
Decimal	20160
CIELab	36.47, 26.32, -64.87
CIELCh	36, 70.005, 292.087
Yxy	9.2545, 0.1688, 0.1276
Android (android.graphics.Color)	4278210240 (0xFF004EC0)
YUV	67.6740, 61.2927, -59.3501
Hunter-Lab	30.4213, 18.5752, -78.1226

Details

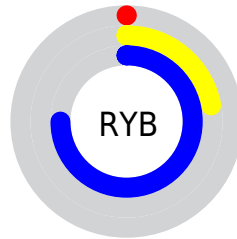
The Hex color **004EC0** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C07200**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **617EF9**, and **002489** is the 20% darker color. If you saturate the color by 10%, you get **004EC0**, and if you desaturate by 10%, it is **1359C0**.

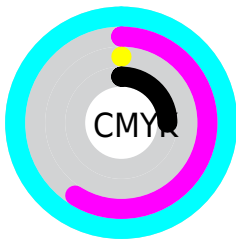
Distribution



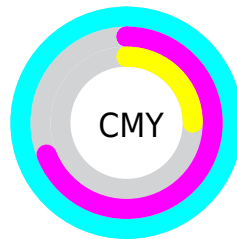
- Red (0%)
- Green (31%)
- Blue (75%)



- Red (0%)
- Yellow (22%)
- Blue (75%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004EC0 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 004EC0 by changing the saturation by 10% instead.

 004EC0


 004EC0

FFFFFF

 0038A4

 617EF9

 002489

 8098FF

 00126F

 9FB3FF

 000356


 BDCEFF

 00063E

 DCEAFF

 000327

 FAFFFF

 000110

 000000

 004EC0

 1359C0

 2665C0

 3A70C0

 4D7CC0

 6087C0

 7392C0

 869EC0

 9AA9C0

 ADB5C0

Harmonies

Analogous

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



0062C7



004EC0



882A9C

Triad

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



004EC0



9D3000



006B45

Complementary

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



004EC0



C07200

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.



006800



004EC0



764E00

Square

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



004EC0



B20030



425F00



006D7F

Rectangle

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



004EC0



A6007A



425F00



006A30

Sweetspot

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



004EC0



AFCDFA



00C070



50627D



FCFCFC



7D7D7D

Same Dimension

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



004ECO



0066FA



1000C0



575B61



0041A1



000D21

Inverse Universe

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



C0004E



FA0066



B0C000



61575B



A10041



21000D

Previews

White Background



This preview shows how the Hex color 004EC0 looks on a white background.

Color Contrast Check

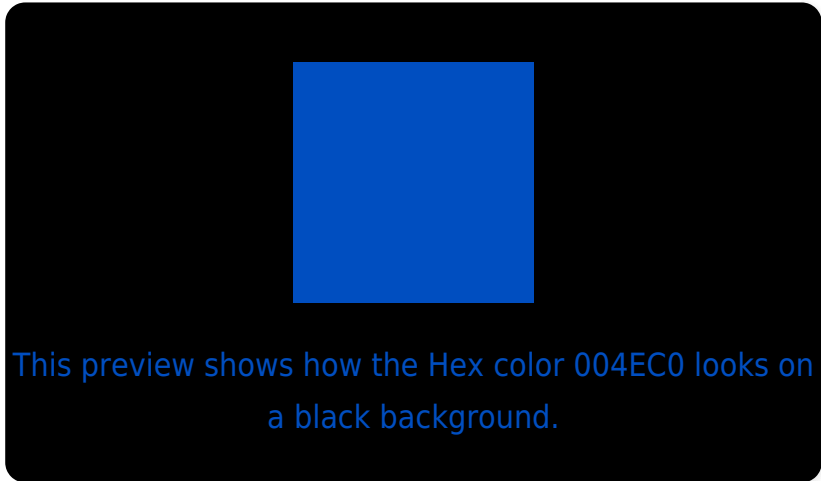
Large Text (above 18pt) WCAG AA ✓ Pass

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

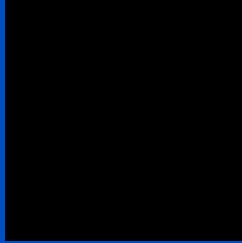
Any Text WCAG AA × Fail

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 004EC0 Background



This preview shows how black text looks on a background with the Hex color 004EC0.



This preview shows how white text looks on a background with the Hex color 004EC0.

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
004EC0

Protanopia
0053AF

Deuteranopia
005896



Tritanopia
005F65

Trichromacy



Original Color
004EC0

Protanomaly
0051B5

Deuteranomaly
0054A5

Tritanomaly
005986

Monochromacy



Original Color
004EC0

Achromatopsia
444444

Achromatomaly
2B4871

CSS Examples

Text

The CSS property to change the color of the text to Hex 004EC0 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 #004EC0 looks like.

```
.text, #text, p{  
    color:#004EC0  
}
```

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 #004EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004EC0
}
```

Border

The CSS property to change the border of an element to Hex 004EC0 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
#004EC0 }
```

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

```
.border{ border-color:#004EC0 }
```

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

Here you see how a box with a 4 pixel #004EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004EC0; -webkit-box-shadow:4px 4px  
4px 4px #004EC0; box-shadow:4px 4px 4px  
4px #004EC0 }
```

Background

The CSS property to change the background color of an element to Hex 004EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004EC0 }
```

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

```
.background{ background-color:#004EC0 }
```

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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