

Converting Colors

Hex(004CE3)

Have a look what the booklet for
Hex(004CE3) contains.

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Color

Hex(004CE3)

Conversions

Conversions Part 1

Format	Color
Hex	004CE3
RGB	0, 76, 227
RGB Percent	0%, 30%, 89%
CMY	1.0000, 0.7020, 0.1098
CMYK	1.00, 0.67, 0.00, 0.11
HSL	220°, 100%, 45%
HSV	220°, 100%, 89%
XYZ	16.4496, 10.7149, 73.8742
YIQ	70.4900, -93.7670, 30.8490

Conversions

Conversions Part 2

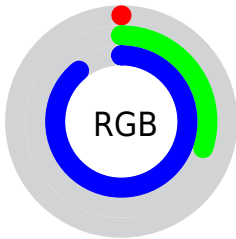
Format	Color
RYB	0, 57, 227
Decimal	19683
CIELab	39.10, 41.16, -80.75
CIELCh	39, 90.631, 297.007
Yxy	10.7149, 0.1628, 0.1060
Android (android.graphics.Color)	4278209763 (0xFF004CE3)
YUV	70.4900, 77.1594, -61.8197
Hunter-Lab	32.7337, 32.4172, -110.8937

Details

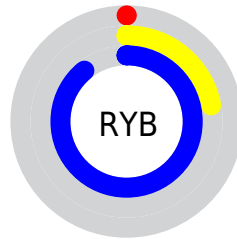
The Hex color **004CE3** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E39700**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6C7DFF**, and **0021AA** is the 20% darker color. If you saturate the color by 10%, you get **004CE3**, and if you desaturate by 10%, it is **175BE3**.

Distribution



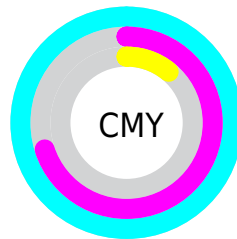
- Red (0%)
- Green (30%)
- Blue (89%)



- Red (0%)
- Yellow (22%)
- Blue (89%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (70%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004CE3 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 004CE3 by changing the saturation by 10% instead.

 004CE3

 004CE3

FFFFFF

 0036C6

 6C7DFF

 0021AA

 8D96FF

 00108F

 ADB1FF

 000074

 CDCDFF

 000D5A

 EDE9FF

 000742

 00032B

 000115

 000000

■ 004CE3

■ 175BE3

■ 2D6AE3

■ 4479E3

■ 5B88E3

■ 7297E3

■ 88A7E3

■ 9FB6E3

■ B6C5E3

■ CCD4E3

Harmonies

Analogous

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



006AF4



004CE3



A800AE

Triad

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



004CE3



AD2E00



007652

Complementary

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



004CE3



E39700

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.



007300



004CE3



775700

Square

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



004CE3



CE0020



296A00



00789E

Rectangle

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



004CE3



C9007F



296A00



007538

Sweetspot

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



004CE3



B3CCFF



00E394



526180



000000



808080

Same Dimension

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



004CE3



0055FF



2200E3



676B73



003CB3



001133

Inverse Universe

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



E3004C



FF0055



C1E300



73676B



B3003C



330011

Previews

White Background



This preview shows how the Hex color 004CE3 looks on a white background.

Color Contrast Check

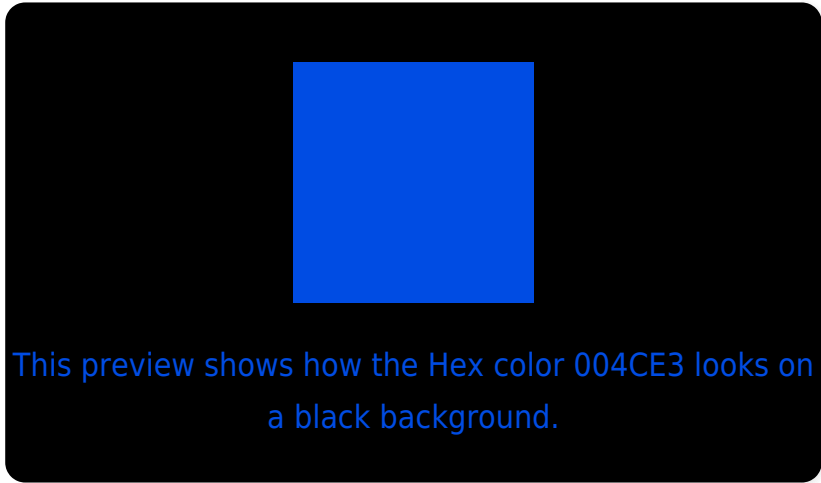
Large Text (above 18pt) WCAG AA ✓ Pass

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

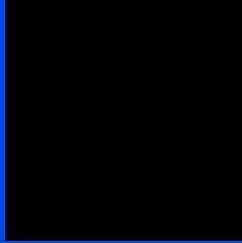
Any Text WCAG AA × Fail

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 004CE3 Background



This preview shows how black text looks on a background with the Hex color 004CE3.



This preview shows how white text looks on a background with the Hex color 004CE3.

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
004CE3

Protanopia
0058BB

Deuteranopia
005E9F



Tritanopia
00666B

Trichromacy



Original Color
004CE3

Protanomaly
0054CA

Deuteranomaly
0057B8

Tritanomaly
005D97

Monochromacy



Original Color
004CE3

Achromatopsia
464646

Achromatomaly
2D487F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004CE3 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 #004CE3 looks like.

```
.text, #text, p{  
    color:#004CE3  
}
```

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 #004CE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004CE3
}
```

Border

The CSS property to change the border of an element to Hex 004CE3 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
#004CE3 }
```

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

```
.border{ border-color:#004CE3 }
```

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

Here you see how a box with a 4 pixel #004CE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004CE3; -webkit-box-shadow:4px 4px  
4px 4px #004CE3; box-shadow:4px 4px 4px  
4px #004CE3 }
```

Background

The CSS property to change the background color of an element to Hex 004CE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004CE3 }
```

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

```
.background{ background-color:#004CE3 }
```

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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