

Converting Colors

Hex(004ACC)

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

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Color

Hex(004ACC)

Conversions

Conversions Part 1

Format	Color
Hex	004ACC
RGB	0, 74, 204
RGB Percent	0%, 29%, 80%
CMY	1.0000, 0.7098, 0.2000
CMYK	1.00, 0.64, 0.00, 0.20
HSL	218°, 100%, 40%
HSV	218°, 100%, 80%
XYZ	13.3479, 9.2572, 58.2100
YIQ	66.6940, -85.8340, 24.7420

Conversions

Conversions Part 2

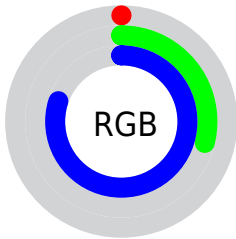
Format	Color
RYB	0, 54, 204
Decimal	19148
CIELab	36.47, 33.71, -71.85
CIELCh	36, 79.362, 295.134
Yxy	9.2572, 0.1652, 0.1145
Android (android.graphics.Color)	4278209228 (0xFF004ACC)
YUV	66.6940, 67.6919, -58.4906
Hunter-Lab	30.4256, 25.0639, -92.1351

Details

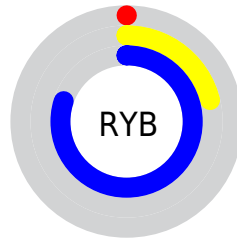
The Hex color **004ACC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CC8200**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **657AFF**, and **002094** is the 20% darker color. If you saturate the color by 10%, you get **004ACC**, and if you desaturate by 10%, it is **1457CC**.

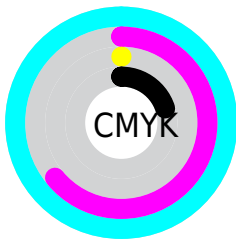
Distribution



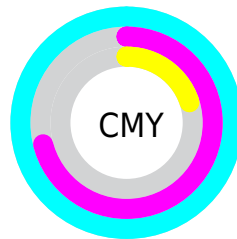
- Red (0%)
- Green (29%)
- Blue (80%)



- Red (0%)
- Yellow (21%)
- Blue (80%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 004ACC

 004ACC

FFFFFF

 0034B0

 657AFF

 002094

 8594FF

 000F7A

 A4AEFF

 000160

 C3CAFF

 000847

 E2E6FF

 000430

 00011A

 000000

 004ACC

■ 1457CC

■ 2964CC

■ 3D71CC

■ 527ECC

■ 668BCC

■ 7A98CC

■ 8FA5CC

■ A3B2CC

■ B8BFCC

Harmonies

Analogous

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



0062D8



004ACC



9411A0

Triad

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



004ACC



A02D00



006D49

Complementary

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



004ACC



CC8200

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.



006A00



004ACC



725000

Square

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



004ACC



BB0025



336200



006E8B

Rectangle

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



004ACC



B30078



336200



006C32

Sweetspot

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



004ACC



B3CEFF



00CC81



526280



000000



808080

Same Dimension

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



004ACC



005DFF



1B00CC



5C6066



003CA6



000E26

Inverse Universe

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



CC004A



FF005C



B1CC00



665C60



A6003C



26000E

Previews

White Background



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

Color Contrast Check

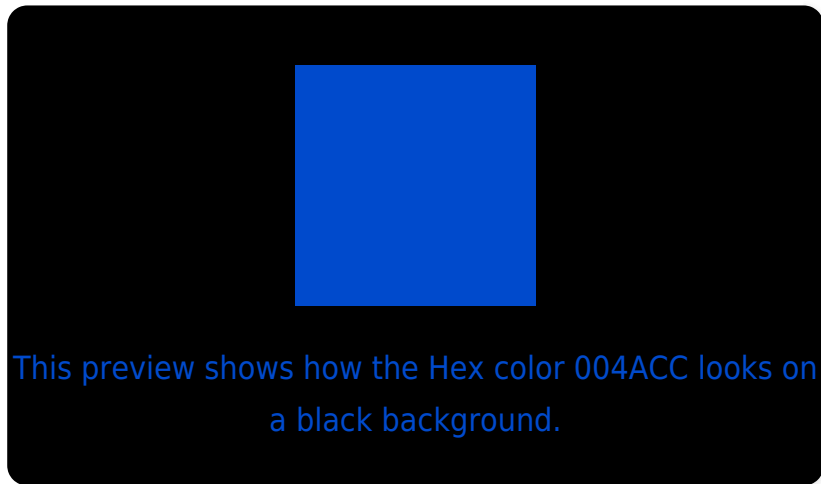
Large Text (above 18pt) WCAG AA ✓ Pass

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

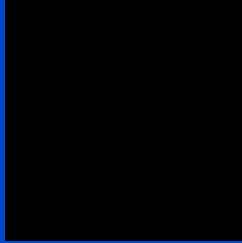
Any Text WCAG AA × Fail

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 004ACC Background



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



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

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
004ACC

Protanopia
0053AF

Deuteranopia
005895



Tritanopia
005F65

Trichromacy



Original Color
004ACC

Protanomaly
0050BA

Deuteranomaly
0053A9

Tritanomaly
00578A

Monochromacy



Original Color
004ACC

Achromatopsia
434343

Achromatomaly
2B4675

CSS Examples

Text

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

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

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 #004ACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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