

Converting Colors

Hex(0016C4)

Have a look what the booklet for
Hex(0016C4) contains.

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Color

Hex(0016C4)

Conversions

Conversions Part 1

Format	Color
Hex	0016C4
RGB	0, 22, 196
RGB Percent	0%, 9%, 77%
CMY	1.0000, 0.9137, 0.2314
CMYK	1.00, 0.89, 0.00, 0.23
HSL	233°, 100%, 38%
HSV	233°, 100%, 77%
XYZ	10.2507, 4.5593, 52.5643
YIQ	35.2580, -68.9660, 49.4500

Conversions

Conversions Part 2

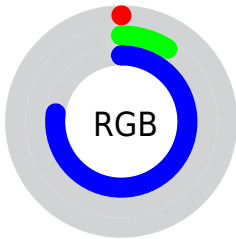
Format	Color
RYB	0, 20, 196
Decimal	5828
CIELab	25.44, 59.38, -85.45
CIELCh	25, 104.050, 304.796
Yxy	4.5593, 0.1521, 0.0677
Android (android.graphics.Color)	4278195908 (0xFF0016C4)
YUV	35.2580, 79.2458, -30.9213
Hunter-Lab	21.3526, 48.3251, -131.0090

Details

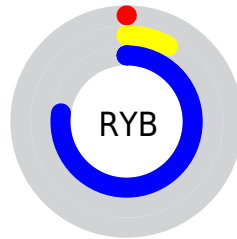
The Hex color **0016C4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C4AE00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6749FE**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **0016C4**, and if you desaturate by 10%, it is **1427C4**.

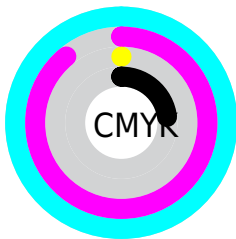
Distribution



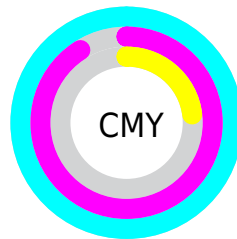
- Red (0%)
- Green (9%)
- Blue (77%)



- Red (0%)
- Yellow (8%)
- Blue (77%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (91%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0016C4 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 0016C4 by changing the saturation by 10% instead.

 0016C4

 0016C4

FFFFFF

 0000A8

 6749FE

 00008C

 8863FF

 000072

 A87DFF

 000C58

 C798FF

 000740

 E6B3FF

 000329

 FFCFFF

 000113

 FFECFF

 000000

 0016C4

 1427C4

 2739C4

 3B4AC4

 4E5CC4

 626DC4

 767EC4

 8990C4

 9DA1C4

 B0B3C4

Harmonies

Analogous

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



0049E3



0016C4



9A0082

Triad

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



0016C4



7C0D00



005348

Complementary

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



0016C4



C4AE00

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.



005100



0016C4



403F00

Square

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



0016C4



A60000



004C00



005698

Rectangle

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



0016C4



B3004E



004C00



00532C

Sweetspot

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



0016C4



B3BBFF



00C4AD



525780



000000



808080

Same Dimension

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



0016C4



001DFF



4B00C4



575861



0012A1



000421

Inverse Universe

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



C40016



FF001D



79C400



615758



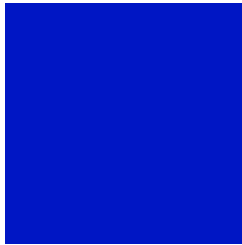
A10012



210004

Previews

White Background



This preview shows how the Hex color 0016C4 looks on a white background.

Color Contrast Check

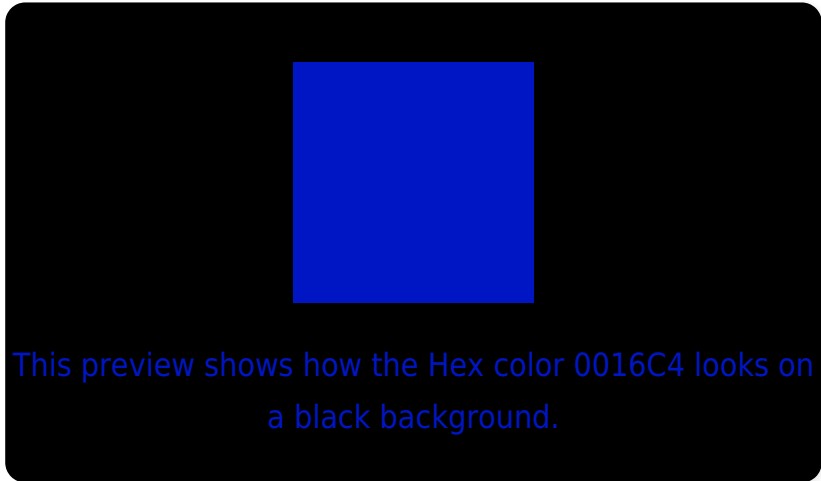
Large Text (above 18pt) WCAG AA ✓ Pass

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

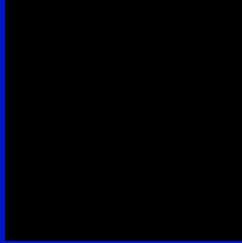
Any Text WCAG AA × Fail

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 0016C4 Background



This preview shows how black text looks on a background with the Hex color 0016C4.



This preview shows how white text looks on a background with the Hex color 0016C4.

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
0016C4

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
0016C4

Protanomaly
002E96

Deuteranomaly
00308A

Tritanomaly
003374

Monochromacy



Original Color
0016C4

Achromatopsia
232323

Achromatomaly
161E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0016C4 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 #0016C4 looks like.

```
.text, #text, p{  
    color:#0016C4  
}
```

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 #0016C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0016C4
}
```

Border

The CSS property to change the border of an element to Hex 0016C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

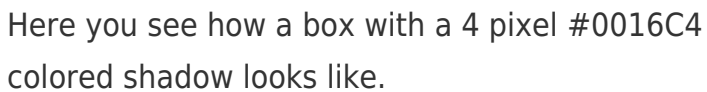
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0016C4 }
```

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

```
.border{ border-color:#0016C4 }
```

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



Here you see how a box with a 4 pixel #0016C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0016C4; -webkit-box-shadow:4px 4px  
4px 4px #0016C4; box-shadow:4px 4px 4px  
4px #0016C4 }
```

Background

The CSS property to change the background color of an element to Hex 0016C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0016C4 }
```

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

```
.background{ background-color:#0016C4 }
```

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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