

Converting Colors

Hex(0004D6)

Have a look what the booklet for
Hex(0004D6) contains.

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Color

Hex(0004D6)

Conversions

Conversions Part 1

Format	Color
Hex	0004D6
RGB	0, 4, 214
RGB Percent	0%, 2%, 84%
CMY	1.0000, 0.9843, 0.1608
CMYK	1.00, 0.98, 0.00, 0.16
HSL	239°, 100%, 42%
HSV	239°, 100%, 84%
XYZ	12.1810, 4.9419, 63.9302
YIQ	26.7440, -69.7940, 64.4620

Conversions

Conversions Part 2

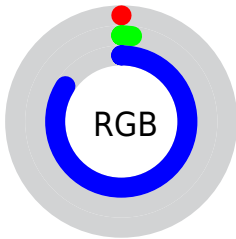
Format	Color
R _{YB}	0, 4, 214
Decimal	1238
CIE _{Lab}	26.57, 68.60, -94.08
CIE _{LCh}	27, 116.436, 306.100
Yxy	4.9419, 0.1503, 0.0610
Android (android.graphics.Color)	4278191318 (0xFF0004D6)
YUV	26.7440, 92.3172, -23.4545
Hunter-Lab	22.2303, 58.9053, -154.9456

Details

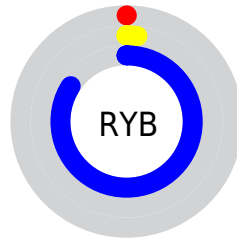
The Hex color **0004D6** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D6D200**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6D43FF**, and **00009D** is the 20% darker color. If you saturate the color by 10%, you get **0004D6**, and if you desaturate by 10%, it is **1519D6**.

Distribution



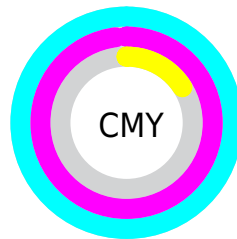
- Red (0%)
- Green (2%)
- Blue (84%)



- Red (0%)
- Yellow (2%)
- Blue (84%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (98%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0004D6 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 0004D6 by changing the saturation by 10% instead.

 0004D6

 0004D6

FFFFFF

 0000B9

 6D43FF

 00009D

 8F5DFF

 000082

 B078FF

 000968

 D093FF

 000A4F

 F0AFFF

 000537

 FFCBFF


 000220

 FFE8FF

 000005

 000000

 0004D6

 1519D6

 2B2ED6

 4043D6

 5658D6

 6B6DD6

 8082D6

 9697D6

 ABACD6

 C1C1D6

Harmonies

Analogous

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



004EFB



0004D6



AB008A

Triad

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



0004D6



830800



005750

Complementary

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



0004D6



D6D200

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.



005500



0004D6



3E4300

Square

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



0004D6



B30000



005100



005BAA

Rectangle

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



0004D6



C4004F



005100



005731

Sweetspot

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



0004D6



B3B4FF



00D6CF



525280



000000



808080

Same Dimension

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



0004D6



0005FF



6400D6



60616B



0003AB



00012B

Inverse Universe

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



D60004



FF0005



72D600



6B6061



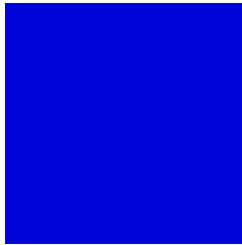
AB0003



2B0001

Previews

White Background



This preview shows how the Hex color 0004D6 looks on a white background.

Color Contrast Check

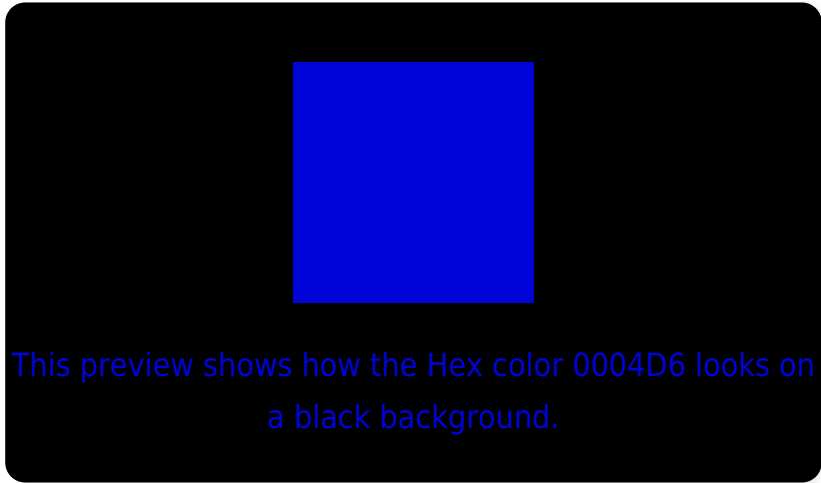
Large Text (above 18pt) WCAG AA ✓ Pass

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

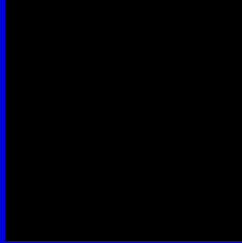
Any Text WCAG AA × Fail

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 0004D6 Background



This preview shows how black text looks on a background with the Hex color 0004D6.



This preview shows how white text looks on a background with the Hex color 0004D6.

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
0004D6

Protanopia
003F83

Deuteranopia
00436F



Tritanopia
00484B

Trichromacy



Original Color
0004D6

Protanomaly
002AA1

Deuteranomaly
002C94

Tritanomaly
002F7E

Monochromacy



Original Color
0004D6

Achromatopsia
1B1B1B

Achromatomaly
11135F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0004D6 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 #0004D6 looks like.

```
.text, #text, p{  
    color:#0004D6  
}
```

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 #0004D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0004D6
}
```

Border

The CSS property to change the border of an element to Hex 0004D6 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
#0004D6 }
```

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

```
.border{ border-color:#0004D6 }
```

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

Here you see how a box with a 4 pixel #0004D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0004D6; -webkit-box-shadow:4px 4px  
4px 4px #0004D6; box-shadow:4px 4px 4px  
4px #0004D6 }
```

Background

The CSS property to change the background color of an element to Hex 0004D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0004D6 }
```

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

```
.background{ background-color:#0004D6 }
```

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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