

Converting Colors

Hex(005FD4)

Have a look what the booklet for
Hex(005FD4) contains.

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Color

Hex(005FD4)

Conversions

Conversions Part 1

Format	Color
Hex	005FD4
RGB	0, 95, 212
RGB Percent	0%, 37%, 83%
CMY	1.0000, 0.6275, 0.1686
CMYK	1.00, 0.55, 0.00, 0.17
HSL	213°, 100%, 42%
HSV	213°, 100%, 83%
XYZ	15.9759, 12.9379, 63.9426
YIQ	79.9330, -94.1770, 16.2470

Conversions

Conversions Part 2

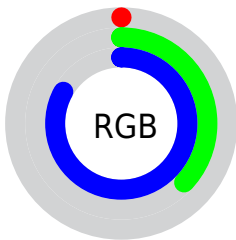
Format	Color
R _{YB}	0, 66, 212
Decimal	24532
CIE _{Lab}	42.67, 23.05, -66.33
CIE _{LCh}	43, 70.221, 289.165
Yxy	12.9379, 0.1720, 0.1393
Android (android.graphics.Color)	4278214612 (0xFF005FD4)
YUV	79.9330, 65.1090, -70.1012
Hunter-Lab	35.9693, 16.3352, -80.2214

Details

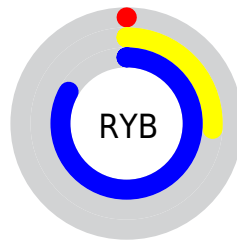
The Hex color **005FD4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D47500**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6691FF**, and **00329C** is the 20% darker color. If you saturate the color by 10%, you get **005FD4**, and if you desaturate by 10%, it is **156BD4**.

Distribution



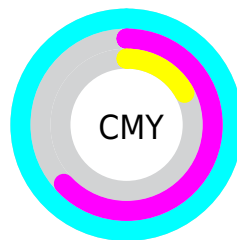
- Red (0%)
- Green (37%)
- Blue (83%)



- Red (0%)
- Yellow (26%)
- Blue (83%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (63%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005FD4 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 005FD4 by changing the saturation by 10% instead.

■ 005FD4

■ 005FD4

FFFFFF

■ 0048B8

■ 6691FF

■ 00329C

■ 86ABFF

■ 001F82

■ A5C6FF

■ 000968

■ C4E2FF

■ 000A4F

■ E3FEFF

■ 000537

■ 000220

■ 000005

■ 000000

■ 005FD4

■ 156BD4

■ 2A76D4

■ 4082D4

■ 558ED4

■ 6A9AD4

■ 7FA5D4

■ 94B1D4

■ AABDD4

■ BFC8D4

Harmonies

Analogous

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



0072D8



005FD4



933FB2

Triad

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



005FD4



B33D03



007C4D

Complementary

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



005FD4



D47500

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.



007704



005FD4



8C5B00

Square

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



005FD4



C71143



586D00



007D89

Rectangle

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



005FD4



B5228F



586D00



007B38

Sweetspot

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



005FD4



B3D5FF



00D475



526680



000000



808080

Same Dimension

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



005FD4



0072FF



0B00D4



60656B



004DAB



00132B

Inverse Universe

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



D4005F



FF0072



C9D400



6B6065



AB004D



2B0013

Previews

White Background



This preview shows how the Hex color 005FD4 looks on a white background.

Color Contrast Check

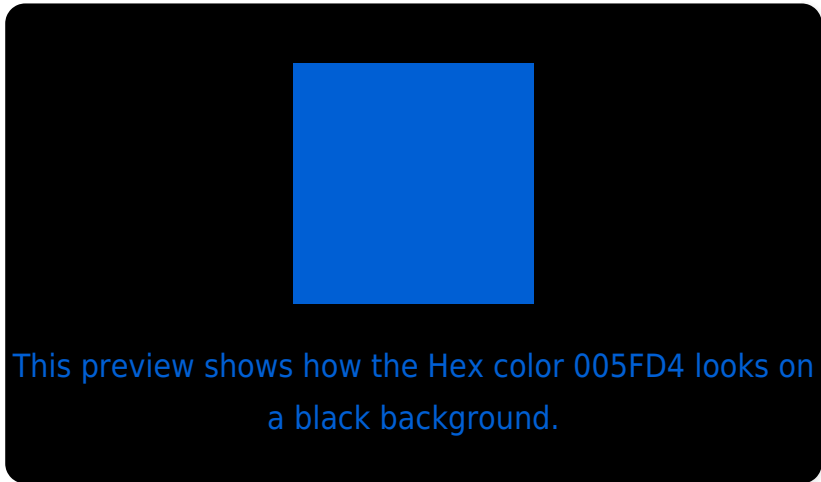
Large Text (above 18pt) WCAG AA ✓ Pass

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

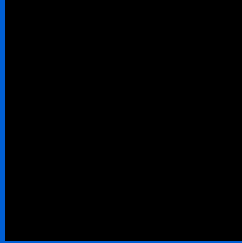
Any Text WCAG AA × Fail

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 005FD4 Background



This preview shows how black text looks on a background with the Hex color 005FD4.

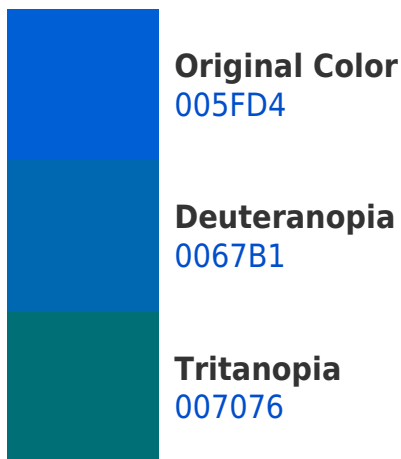


This preview shows how white text looks on a background with the Hex color 005FD4.

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



Trichromacy



Original Color
005FD4

Deuteranomaly
0064BE

Tritanomaly
006A98

Monochromacy



Original Color
005FD4

Achromatopsia
505050

Achromatomaly
335580

CSS Examples

Text

The CSS property to change the color of the text to Hex 005FD4 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 #005FD4 looks like.

```
.text, #text, p{  
    color:#005FD4  
}
```

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 #005FD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FD4
}
```

Border

The CSS property to change the border of an element to Hex 005FD4 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
#005FD4 }
```

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

```
.border{ border-color:#005FD4 }
```

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

Here you see how a box with a 4 pixel #005FD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FD4; -webkit-box-shadow:4px 4px  
4px 4px #005FD4; box-shadow:4px 4px 4px  
4px #005FD4 }
```

Background

The CSS property to change the background color of an element to Hex 005FD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FD4 }
```

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

```
.background{ background-color:#005FD4 }
```

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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