

# Converting Colors

Hex(005FDA)

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

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# Color

**Hex(005FDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FDA
RGB	0, 95, 218
RGB Percent	0%, 37%, 85%
CMY	1.0000, 0.6275, 0.1451
CMYK	1.00, 0.56, 0.00, 0.15
HSL	214°, 100%, 43%
HSV	214°, 100%, 85%
XYZ	16.7471, 13.2464, 68.0038
YIQ	80.6170, -96.1030, 18.1130

# Conversions

## Conversions Part 2

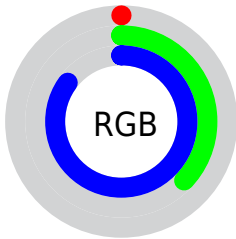
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 218
Decimal	24538
CIELab	43.13, 25.43, -69.01
CIELCh	43, 73.542, 290.229
Yxy	13.2464, 0.1709, 0.1352
Android (android.graphics.Color)	4278214618 (0xFF005FDA)
YUV	80.6170, 67.7298, -70.7011
Hunter-Lab	36.3956, 18.4429, -85.3043

# Details

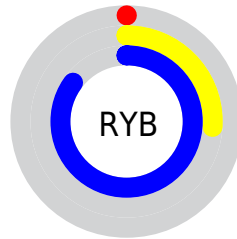
The Hex color **005FDA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **DA7B00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6791FF**, and **0032A2** is the 20% darker color. If you saturate the color by 10%, you get **005FDA**, and if you desaturate by 10%, it is **166BDA**.

# Distribution



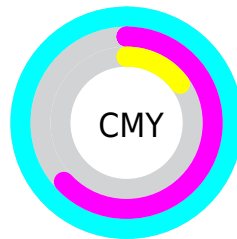
- Red (0%)
- Green (37%)
- Blue (85%)



- Red (0%)
- Yellow (26%)
- Blue (85%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (63%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 005FDA

 005FDA

FFFFFF

 0048BE

 6791FF

 0032A2

 88ABFF

 001F87

 A8C6FF

 000B6D

 C7E2FF

 000B53

 E6FEFF

 00063B

 000225

 00010D

 000000

 005FDA

 166BDA

 2C78DA

 4184DA

 5790DA

 6D9DDA

 83A9DA

 99B5DA

 AEC1DA

 C4CEDA

# Harmonies

## Analogous

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



0074E0



005FDA



983CB5

# Triad

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



005FDA



B63D00



007E4F

# Complementary

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



005FDA



DA7B00

# 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.



007900



005FDA



8D5C00

# Square

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



005FDA



CC0240



566F00



007F8F

# Rectangle

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



005FDA



BB1890



566F00



007D39



# Sweetspot

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



005FDA



B3D4FF



00DA78



526680



000000



808080



# Same Dimension

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



005FDA



006FFF



0B00DA



63676E



004CAD



00142E



# Inverse Universe

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



DA005F



FF006F



CFDA00



6E6367



AD004C



2E0014



# Previews

## White Background



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

## Color Contrast Check

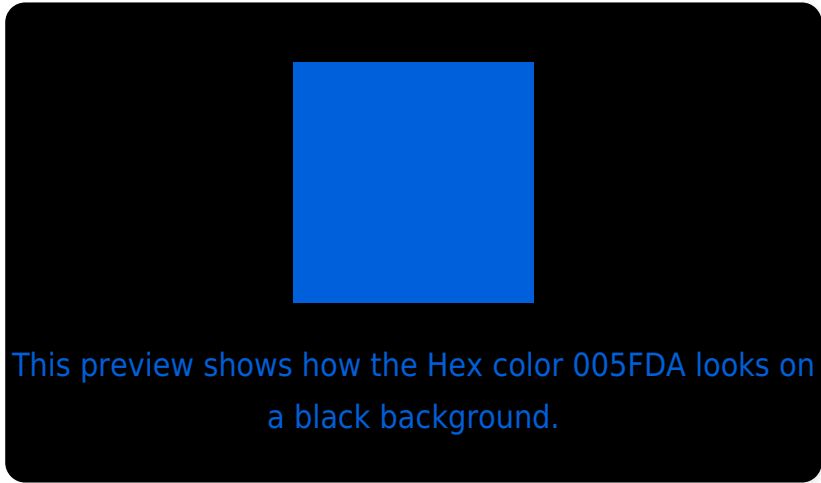
Large Text (above 18pt) WCAG AA ✓ Pass

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

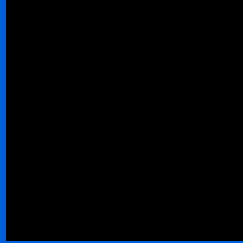
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005FDA Background



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



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

# 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



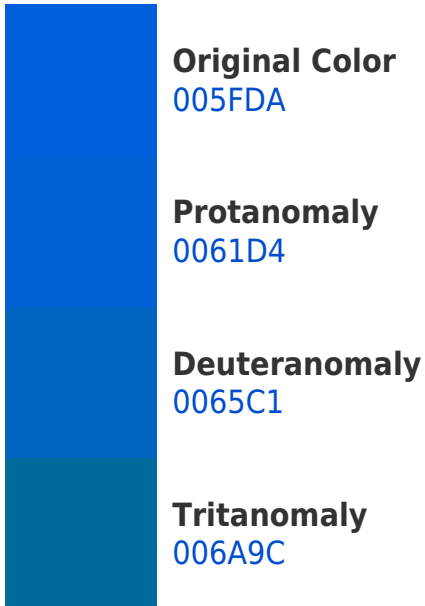
**Original Color**  
005FDA

**Protanopia**  
0062D0

**Deuteranopia**  
0068B3



# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #005FDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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