

# Converting Colors

Hex(005FAF)

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

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# Color

**Hex(005FAF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FAF
RGB	0, 95, 175
RGB Percent	0%, 37%, 69%
CMY	1.0000, 0.6275, 0.3137
CMYK	1.00, 0.46, 0.00, 0.31
HSL	207°, 100%, 34%
HSV	207°, 100%, 69%
XYZ	11.8301, 11.2796, 42.1111
YIQ	75.7150, -82.3000, 4.7400

# Conversions

## Conversions Part 2

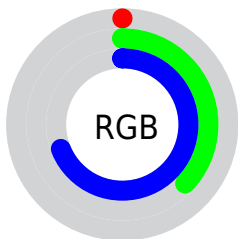
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 175
Decimal	24495
CIELab	40.05, 8.06, -49.08
CIELCh	40, 49.740, 279.325
Yxy	11.2796, 0.1814, 0.1729
Android (android.graphics.Color)	4278214575 (0xFF005FAF)
YUV	75.7150, 48.9475, -66.4021
Hunter-Lab	33.5851, 4.1014, -50.8321

# Details

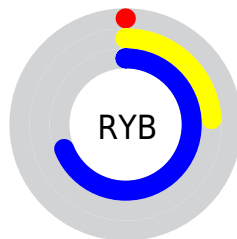
The Hex color **005FAF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AF5000**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5A91E7**, and **00327A** is the 20% darker color. If you saturate the color by 10%, you get **005FAF**, and if you desaturate by 10%, it is **1167AF**.

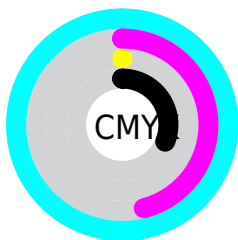
# Distribution



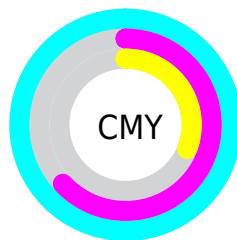
- Red (0%)
- Green (37%)
- Blue (69%)



- Red (0%)
- Yellow (24%)
- Blue (69%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (63%)
- Yellow (31%)

# Brightness & Saturation Gradients

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



■ 005FAF

■ 005FAF

FFFFFF

■ 004894

■ 5A91E7

■ 00327A

■ 79ABFF

■ 001E60

■ 97C6FF

■ 000248

■ B4E2FF

■ 000431

■ D2FFFF

■ 00011B

■ F0FFFF

■ 000000

■ 005FAF

■ 1167AF

■ 236FAF

■ 3577AF

■ 467FAF

■ 5887AF

■ 698FAF

■ 7A97AF

■ 8C9FAF

■ 9EA7AF

# Harmonies

## Analogous

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



006AAA



005FAF



704E9E

# Triad

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



005FAF



A0402D



006F40

# Complementary

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



005FAF



AF5000

# 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.



3A6A18



005FAF



885208

# Square

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



005FAF



A73453



666100



00716A

# Rectangle

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



005FAF



8E4188



666100



006E32



# Sweetspot

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



005FAF



9FC4E3



00AF4F



496073



F2F2F2



737373



# Same Dimension

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



005FAF



007BE3



0009AF



4E5357



005296



000C17



# Inverse Universe

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



AF005F



E3007B



AFA600



574E53



960052



17000C



# Previews

## White Background



This preview shows how the Hex color 005F9F looks on a white background.

## Color Contrast Check

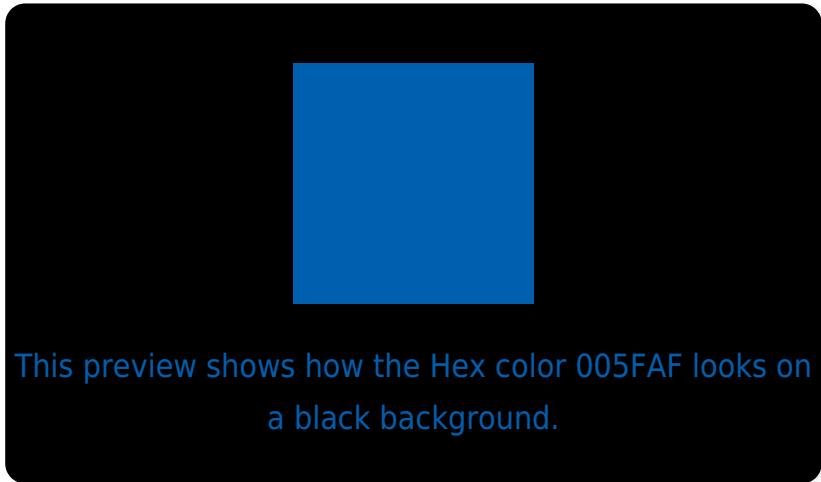
Large Text (above 18pt) WCAG AA ✓ Pass

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

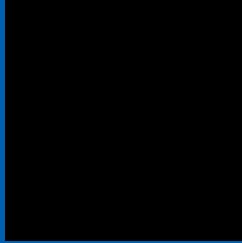
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005FAF Background



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

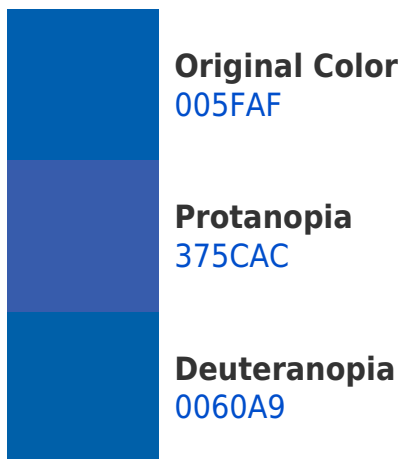


This preview shows how white text looks on a background with the Hex color 005FAF.

# 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](#).

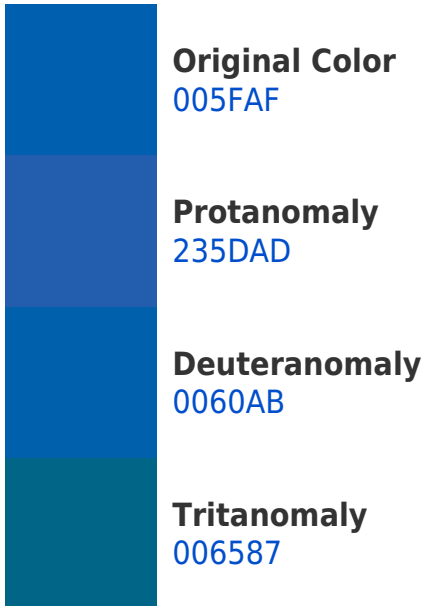
## Dichromacy





**Tritanopia**  
006970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #005FAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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