

# Converting Colors

Hex(005FA3)

Have a look what the booklet for  
Hex(005FA3) contains.

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# Color

**Hex(005FA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FA3
RGB	0, 95, 163
RGB Percent	0%, 37%, 64%
CMY	1.0000, 0.6275, 0.3608
CMYK	1.00, 0.42, 0.00, 0.36
HSL	205°, 100%, 32%
HSV	205°, 100%, 64%
XYZ	10.7031, 10.8288, 36.1764
YIQ	74.3470, -78.4480, 1.0080

# Conversions

## Conversions Part 2

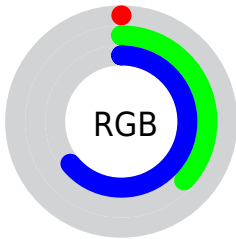
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 60, 163</a>
Decimal	<a href="#">24483</a>
CIELab	<a href="#">39.29, 3.13, -43.19</a>
CIELCh	<a href="#">39, 43.306, 274.142</a>
Yxy	<a href="#">10.8288, 0.1855, 0.1876</a>
Android (android.graphics.Color)	<a href="#">4278214563 (0xFF005FA3)</a>
YUV	<a href="#">74.3470, 43.7059, -65.2023</a>
Hunter-Lab	<a href="#">32.9071, 0.4699, -42.1455</a>

# Details

The Hex color **005FA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A34400**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5791DA**, and **00326F** is the 20% darker color. If you saturate the color by 10%, you get **005FA3**, and if you desaturate by 10%, it is **1066A3**.

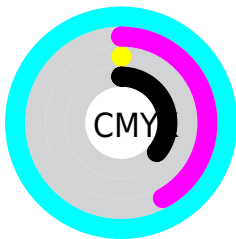
# Distribution



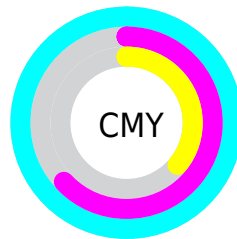
- Red (0%)
- Green (37%)
- Blue (64%)



- Red (0%)
- Yellow (24%)
- Blue (64%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (63%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005FA3 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 005FA3 by changing the saturation by 10% instead.



■ 005FA3

■ 005FA3

FFFFFF

■ 004888

■ 5791DA

■ 00326F

■ 75ABF7

■ 001E56

■ 92C7FF

■ 00063E

■ B0E2FF

■ 000327

■ CDFFFF

■ 000111

■ EBFFFF

■ 000000

■ 005FA3

■ 1066A3

■ 216DA3

■ 3173A3

■ 417AA3

■ 5281A3

■ 6288A3

■ 728FA3

■ 8295A3

■ 939CA3

# Harmonies

## Analogous

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



00689C



005FA3



645197

# Triad

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



005FA3



994137



006B3C

# Complementary

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



005FA3



A34400

# 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.



46661D



005FA3



874F1B

# Square

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



005FA3



9B3B59



6A5C0C



006D61

# Rectangle

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



005FA3



814786



6A5C0C



236A31



# Sweetspot

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



005FA3



94B9D4



00A344



455B6B



EBEBEB



6B6B6B



# Same Dimension

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



005FA3



007BD4



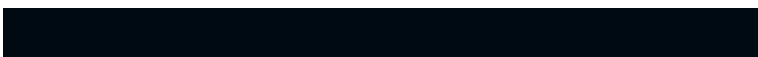
000EA3



494E52



005591



000A12



# Inverse Universe

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



A3005F



D4007B



A39500



52494E



910055



12000A



# Previews

## White Background



This preview shows how the Hex color 005FA3 looks on a white background.

## Color Contrast Check

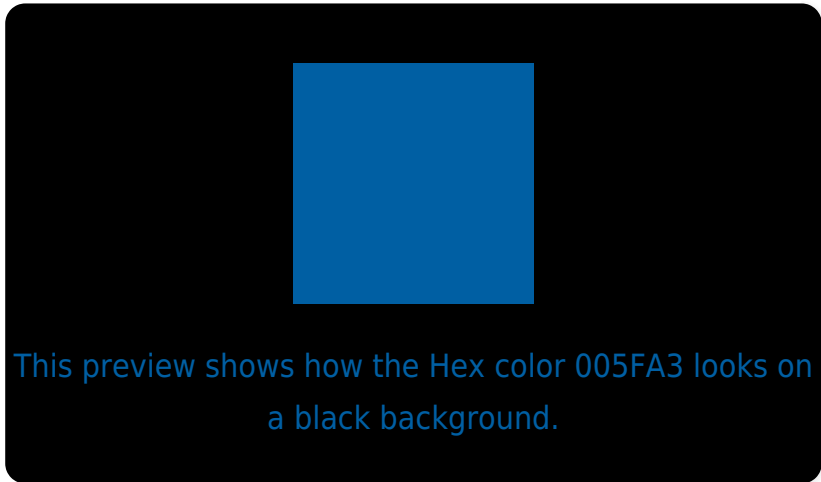
Large Text (above 18pt) WCAG AA ✓ Pass

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

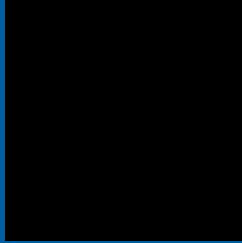
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005FA3 Background



This preview shows how black text looks on a background with the Hex color 005FA3.

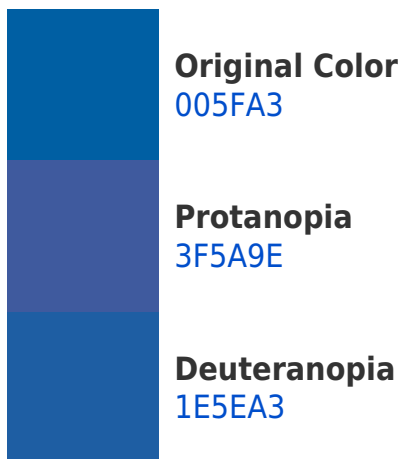


This preview shows how white text looks on a background with the Hex color 005FA3.

# 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](#).

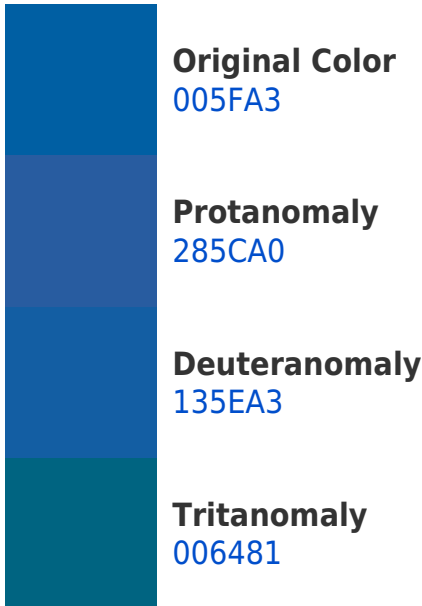
## Dichromacy



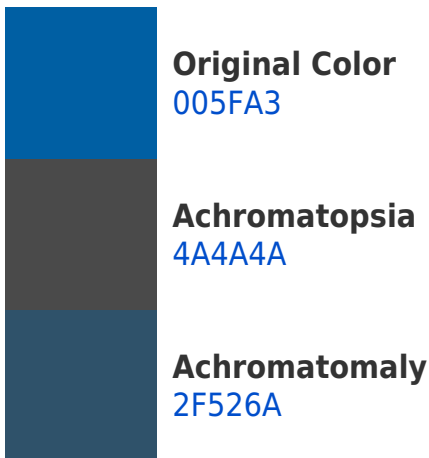


**Tritanopia**  
00676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005FA3 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 #005FA3 looks like.

```
.text, #text, p{  
    color:#005FA3  
}
```

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 #005FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FA3
}
```

## Border

The CSS property to change the border of an element to Hex 005FA3 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
#005FA3 }
```

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

```
.border{ border-color:#005FA3 }
```

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

Here you see how a box with a 4 pixel #005FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FA3; -webkit-box-shadow:4px 4px  
4px 4px #005FA3; box-shadow:4px 4px 4px  
4px #005FA3 }
```

# Background

The CSS property to change the background color of an element to Hex 005FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FA3 }
```

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

```
.background{ background-color:#005FA3 }
```

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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