

# Converting Colors

Hex(005FA2)

Have a look what the booklet for  
Hex(005FA2) contains.

<b>Hex(005FA2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(005FA2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FA2
RGB	0, 95, 162
RGB Percent	0%, 37%, 64%
CMY	1.0000, 0.6275, 0.3647
CMYK	1.00, 0.41, 0.00, 0.36
HSL	205°, 100%, 32%
HSV	205°, 100%, 64%
XYZ	10.6138, 10.7931, 35.7063
YIQ	74.2330, -78.1270, 0.6970

# Conversions

## Conversions Part 2

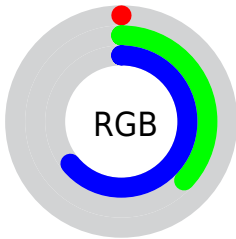
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 162
Decimal	24482
CIELab	39.23, 2.72, -42.70
CIELCh	39, 42.782, 273.642
Yxy	10.7931, 0.1858, 0.1890
Android (android.graphics.Color)	4278214562 (0xFF005FA2)
YUV	74.2330, 43.2691, -65.1023
Hunter-Lab	32.8528, 0.1759, -41.4428

# Details

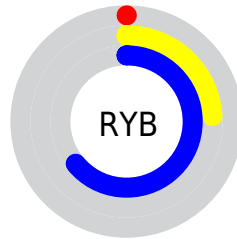
The Hex color **005FA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A24300**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5791D9**, and **00326E** is the 20% darker color. If you saturate the color by 10%, you get **005FA2**, and if you desaturate by 10%, it is **1066A2**.

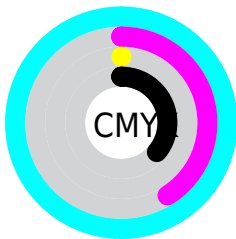
# Distribution



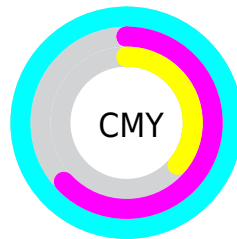
- Red (0%)
- Green (37%)
- Blue (64%)



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



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (36%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 005FA2 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 005FA2 by changing the saturation by 10% instead.



005FA2

005FA2

FFFFFF

004887

5791D9

00326E

75ABF6

001E55

92C7FF

00063D

AFE2FF

000327

CDFFFF

000110

EAFFFF

000000

005FA2

1066A2

■ 206CA2

■ 3173A2

■ 417AA2

■ 5181A2

■ 6187A2

■ 718EA2

■ 8295A2

■ 929BA2

# Harmonies

## Analogous

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



00689A



005FA2



635197

# Triad

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



005FA2



984138



016B3C

# Complementary

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



005FA2



A24300

# 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.



47651D



005FA2



864F1C

# Square

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



005FA2



9B3B5A



6A5C0E



006D60

# Rectangle

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



005FA2



7F4786



6A5C0E



256931



# Sweetspot

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



005FA2



94B9D4



00A241



455B6B



EBEBEB



6B6B6B



# Same Dimension

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



005FA2



007CD4



0010A2



494E52



005591



000A12



# Inverse Universe

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



A2005F



D4007C



A29200



52494E



910055



12000A



# Previews

## White Background



This preview shows how the Hex color 005FA2 looks on a white background.

### Color Contrast Check

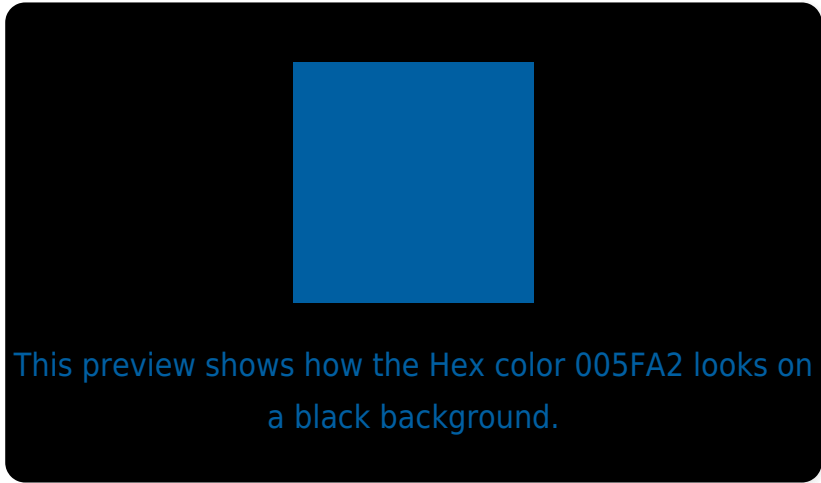
Large Text (above 18pt) WCAG AA ✓ Pass

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

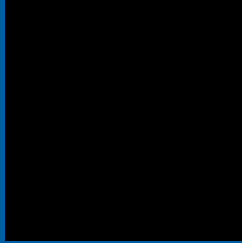
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005FA2 Background



This preview shows how black text looks on a background with the Hex color 005FA2.

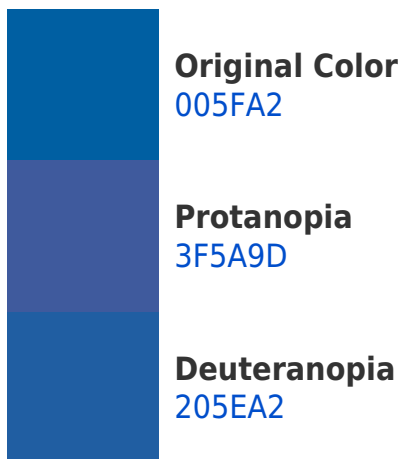


This preview shows how white text looks on a background with the Hex color 005FA2.

# 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](#).

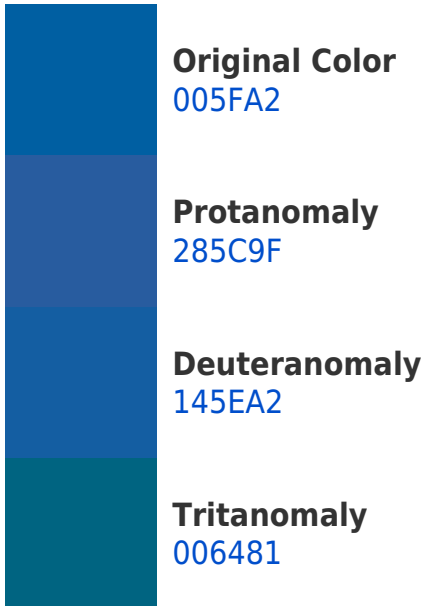
## Dichromacy



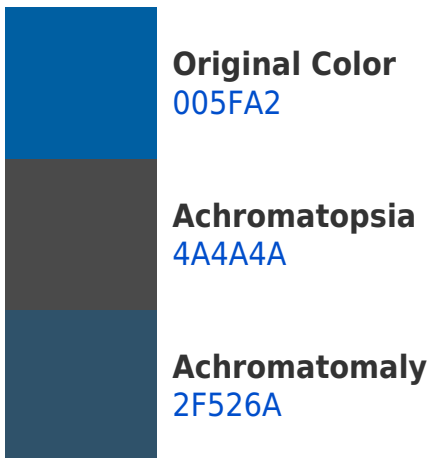


**Tritanopia**  
00676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005FA2 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 #005FA2 looks like.

```
.text, #text, p{  
    color:#005FA2  
}
```

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 #005FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FA2
}
```

## Border

The CSS property to change the border of an element to Hex 005FA2 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
#005FA2 }
```

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

```
.border{ border-color:#005FA2 }
```

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

Here you see how a box with a 4 pixel #005FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FA2; -webkit-box-shadow:4px 4px  
4px 4px #005FA2; box-shadow:4px 4px 4px  
4px #005FA2 }
```

# Background

The CSS property to change the background color of an element to Hex 005FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FA2 }
```

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

```
.background{ background-color:#005FA2 }
```

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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