

Converting Colors

Hex(005FA6)

Have a look what the booklet for
Hex(005FA6) contains.

Hex(005FA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005FA6)

Conversions

Conversions Part 1

Format	Color
Hex	005FA6
RGB	0, 95, 166
RGB Percent	0%, 37%, 65%
CMY	1.0000, 0.6275, 0.3490
CMYK	1.00, 0.43, 0.00, 0.35
HSL	206°, 100%, 33%
HSV	206°, 100%, 65%
XYZ	10.9751, 10.9376, 37.6091
YIQ	74.6890, -79.4110, 1.9410

Conversions

Conversions Part 2

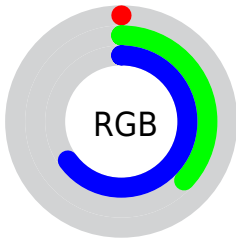
Format	Color
RYB	0, 60, 166
Decimal	24486
CIELab	39.48, 4.36, -44.68
CIELCh	39, 44.892, 275.575
Yxy	10.9376, 0.1844, 0.1838
Android (android.graphics.Color)	4278214566 (0xFF005FA6)
YUV	74.6890, 45.0163, -65.5023
Hunter-Lab	33.0720, 1.3602, -44.2734

Details

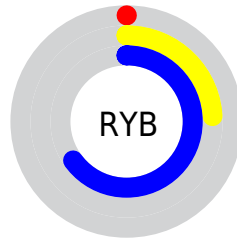
The Hex color **005FA6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A64700**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5891DE**, and **003271** is the 20% darker color. If you saturate the color by 10%, you get **005FA6**, and if you desaturate by 10%, it is **1166A6**.

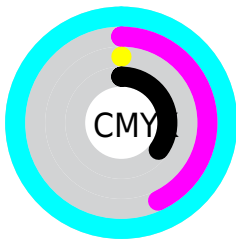
Distribution



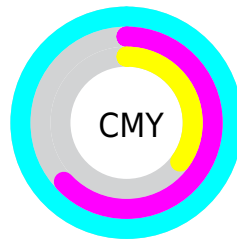
- Red (0%)
- Green (37%)
- Blue (65%)



- Red (0%)
- Yellow (24%)
- Blue (65%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005FA6 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 005FA6 by changing the saturation by 10% instead.

■ 005FA6

■ 005FA6

FFFFFF

■ 00488B

■ 5891DE

■ 003271

■ 76ABFA

■ 001E58

■ 93C6FF

■ 000541

■ B1E2FF

■ 00032A

■ CEFFFF

■ 000114

■ ECFFFF

■ 000000

■ 005FA6

■ 1166A6

 216DA6

 3274A6

 427BA6

 5383A6

 648AA6

 7491A6

 8598A6

 959FA6

Harmonies

Analogous

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



00699F



005FA6



675099

Triad

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



005FA6



9A4134



006C3D

Complementary

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



005FA6



A64700

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.



43671C



005FA6



875017

Square

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



005FA6



9E3958



695D07



006E63

Rectangle

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



005FA6



844587



695D07



1C6B31

Sweetspot

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



005FA6



98BDD9



00A645



465D6E



EDEDED



6E6E6E

Same Dimension

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



005FA6



007CD9



000EA6



4C5154



005594



000C14

Inverse Universe

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



A6005F



D9007C



A69800



544C51



940055



14000C

Previews

White Background



This preview shows how the Hex color 005FA6 looks on a white background.

Color Contrast Check

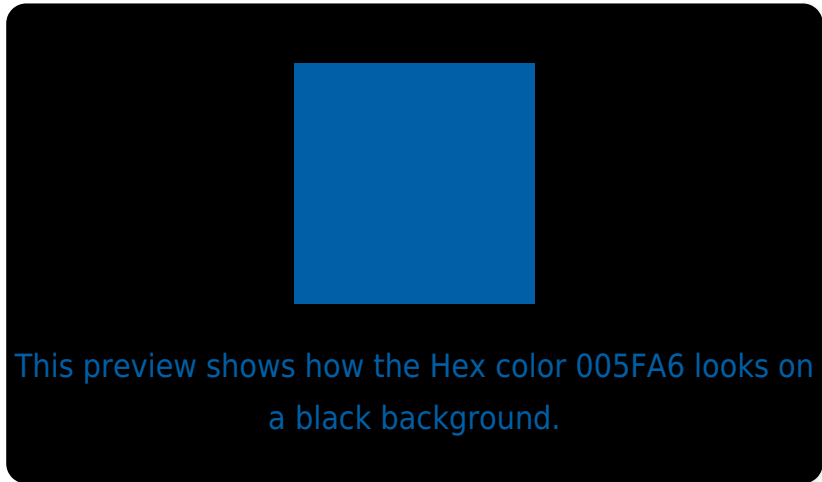
Large Text (above 18pt) WCAG AA ✓ Pass

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

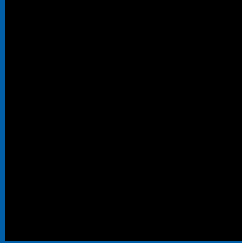
Any Text WCAG AA × Fail

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 005FA6 Background



This preview shows how black text looks on a background with the Hex color 005FA6.

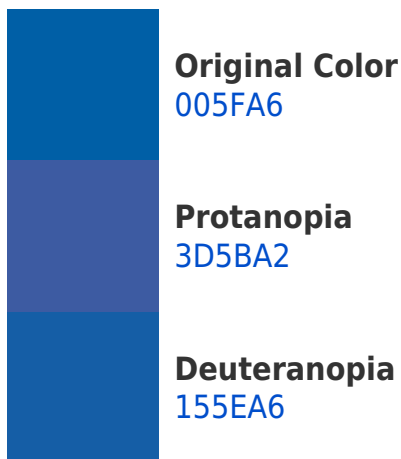


This preview shows how white text looks on a background with the Hex color 005FA6.

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](#).

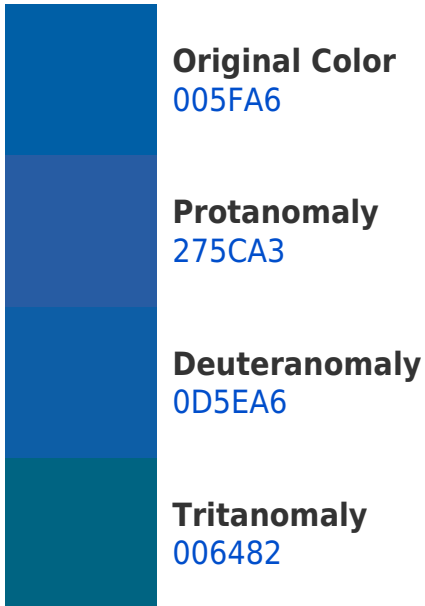
Dichromacy



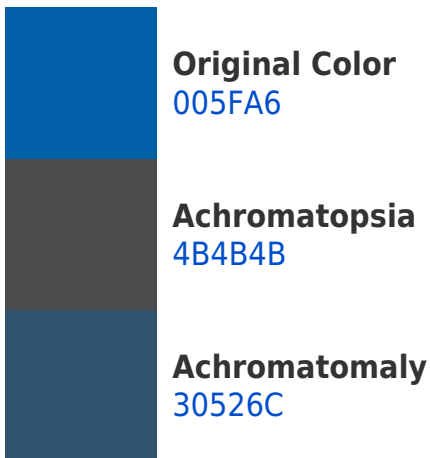


Tritanopia
00676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005FA6 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 #005FA6 looks like.

```
.text, #text, p{  
    color:#005FA6  
}
```

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 #005FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FA6
}
```

Border

The CSS property to change the border of an element to Hex 005FA6 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
#005FA6 }
```

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

```
.border{ border-color:#005FA6 }
```

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

Here you see how a box with a 4 pixel #005FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FA6; -webkit-box-shadow:4px 4px  
4px 4px #005FA6; box-shadow:4px 4px 4px  
4px #005FA6 }
```

Background

The CSS property to change the background color of an element to Hex 005FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FA6 }
```

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

```
.background{ background-color:#005FA6 }
```

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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