

Converting Colors

Hex(005AAF)

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

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Color

Hex(005AAF)

Conversions

Conversions Part 1

Format	Color
Hex	005AAF
RGB	0, 90, 175
RGB Percent	0%, 35%, 69%
CMY	1.0000, 0.6471, 0.3137
CMYK	1.00, 0.49, 0.00, 0.31
HSL	209°, 100%, 34%
HSV	209°, 100%, 69%
XYZ	11.3940, 10.4075, 41.9658
YIQ	72.7800, -80.9250, 7.3550

Conversions

Conversions Part 2

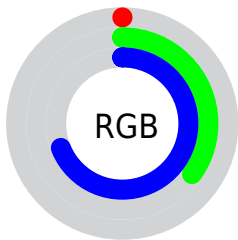
Format	Color
RYB	0, 59, 175
Decimal	23215
CIELab	38.56, 11.35, -51.47
CIELCh	39, 52.709, 282.433
Yxy	10.4075, 0.1787, 0.1632
Android (android.graphics.Color)	4278213295 (0xFF005AAF)
YUV	72.7800, 50.3945, -63.8281
Hunter-Lab	32.2606, 6.5878, -54.5441

Details

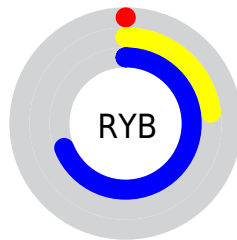
The Hex color **005AAF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AF5500**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5B8BE7**, and **002E7A** is the 20% darker color. If you saturate the color by 10%, you get **005AAF**, and if you desaturate by 10%, it is **1163AF**.

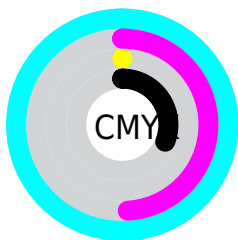
Distribution



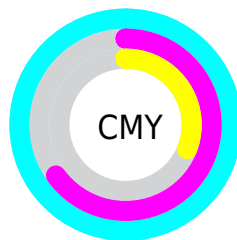
- Red (0%)
- Green (35%)
- Blue (69%)



- Red (0%)
- Yellow (23%)
- Blue (69%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

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

■ 005AAF

■ 005AAF

FFFFFF

■ 004394

■ 5B8BE7

■ 002E7A

■ 79A6FF

■ 001A60

■ 97C1FF

■ 000448

■ B5DCFF

■ 000430

■ D3F9FF

■ 00011B

■ F1FFFF

■ 000000

■ 005AAF

■ 1163AF

■ 236BAF

■ 3574AF

■ 467CAF

■ 5885AF

■ 698DAF

■ 7A96AF

■ 8C9EAF

■ 9EA7AF

Harmonies

Analogous

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



0067AD



005AAF



72479B

Triad

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



005AAF



9C3C22



006C3F

Complementary

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



005AAF



AF5500

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.



2B6813



005AAF



824F00

Square

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



005AAF



A62C4B



5E5E00



006E6C

Rectangle

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



005AAF



903883



5E5E00



006B31

Sweetspot

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



005AAF



9FC2E3



00AF55



495F73



F2F2F2



737373

Same Dimension

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



005AAF



0075E3



0003AF



4E5257



004D96



000C17

Inverse Universe

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



AF005A



E30075



AFAC00



574E52



96004D



17000C

Previews

White Background



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

Color Contrast Check

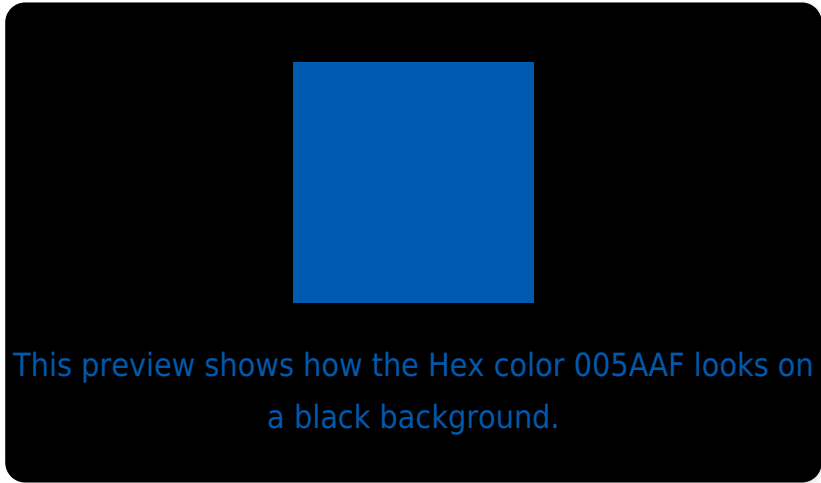
Large Text (above 18pt) WCAG AA ✓ Pass

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

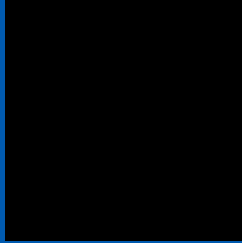
Any Text WCAG AA × Fail

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 005AAF Background



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



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

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
005AAF

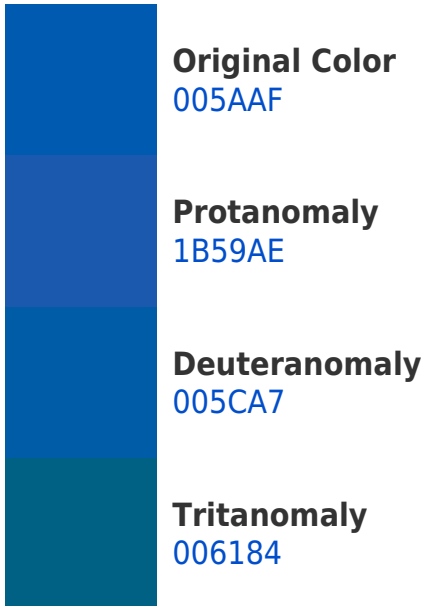
Protanopia
2B58AD

Deuteranopia
005DA2



Tritanopia
00656B

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #005AAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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