

Converting Colors

Hex(005AA0)

Have a look what the booklet for
Hex(005AA0) contains.

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Color

Hex(005AA0)

Conversions

Conversions Part 1

Format	Color
Hex	005AA0
RGB	0, 90, 160
RGB Percent	0%, 35%, 63%
CMY	1.0000, 0.6471, 0.3725
CMYK	1.00, 0.44, 0.00, 0.37
HSL	206°, 100%, 31%
HSV	206°, 100%, 63%
XYZ	10.0013, 9.8504, 34.6319
YIQ	71.0700, -76.1100, 2.6900

Conversions

Conversions Part 2

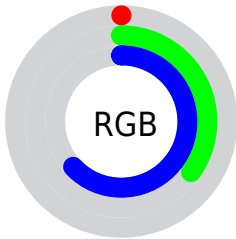
Format	Color
RYB	0, 58, 160
Decimal	23200
CIELab	37.57, 5.14, -44.16
CIELCh	38, 44.453, 276.636
Yxy	9.8504, 0.1836, 0.1808
Android (android.graphics.Color)	4278213280 (0xFF005AA0)
YUV	71.0700, 43.8425, -62.3284
Hunter-Lab	31.3853, 1.9569, -43.4533

Details

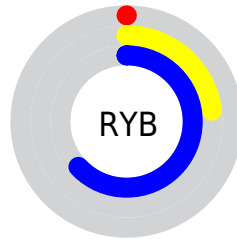
The Hex color **005AA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A04600**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **568CD7**, and **002D6C** is the 20% darker color. If you saturate the color by 10%, you get **005AA0**, and if you desaturate by 10%, it is **1061A0**.

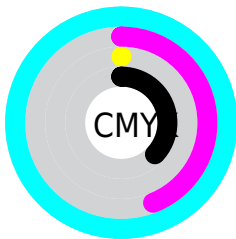
Distribution



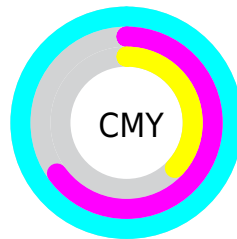
- Red (0%)
- Green (35%)
- Blue (63%)



- Red (0%)
- Yellow (23%)
- Blue (63%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (65%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005AA0 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 005AA0 by changing the saturation by 10% instead.

 005AA0

 005AA0

FFFFFF

 004385

 568CD7

 002D6C

 74A6F4

 001A53

 91C1FF

 00063B

 AEDCFF

 000225

 CCF9FF

 00010D

 EAFFFF

 000000

 005AA0

 1061A0

■ 2068A0

■ 306FA0

■ 4076A0

■ 507DA0

■ 6084A0

■ 708BA0

■ 8092A0

■ 9099A0

Harmonies

Analogous

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



00649A



005AA0



644B92

Triad

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



005AA0



943D30



00673A

Complementary

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



005AA0



A04600

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.



3D6219



005AA0



804C12

Square

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



005AA0



993552



635903



006960

Rectangle

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



005AA0



804080



635903



13662F

Sweetspot

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



005AA0



92B6D1



00A045



435869



E8E8E8



696969

Same Dimension

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



005AA0



0076D1



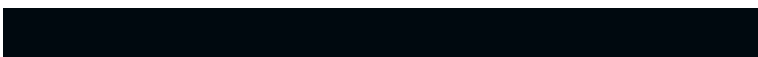
000BA0



474C4F



00508F



00090F

Inverse Universe

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



A0005A



D10076



A09500



4F474C



8F0050



0F0009

Previews

White Background



This preview shows how the Hex color 005AA0 looks on a white background.

Color Contrast Check

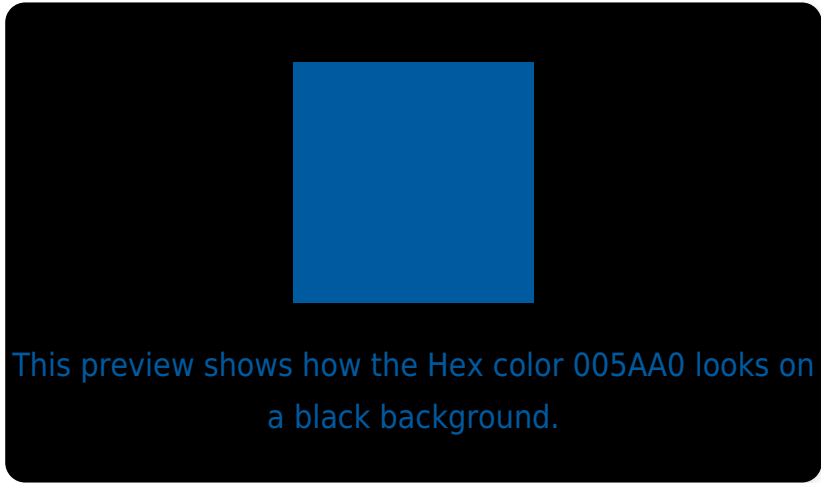
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

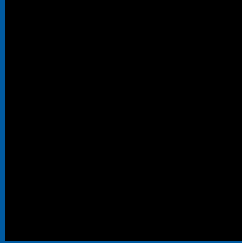
Any Text WCAG AA × Fail

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 005AA0 Background



This preview shows how black text looks on a background with the Hex color 005AA0.



This preview shows how white text looks on a background with the Hex color 005AA0.

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



Trichromacy



Original Color
005AA0

Protanomaly
24579D

Deuteranomaly
005AA0

Tritanomaly
005F7D

Monochromacy



Original Color
005AA0

Achromatopsia
474747

Achromatomaly
2D4E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 005AA0 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 #005AA0 looks like.

```
.text, #text, p{  
    color:#005AA0  
}
```

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 #005AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005AA0
}
```

Border

The CSS property to change the border of an element to Hex 005AA0 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
#005AA0 }
```

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

```
.border{ border-color:#005AA0 }
```

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

Here you see how a box with a 4 pixel #005AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005AA0; -webkit-box-shadow:4px 4px  
4px 4px #005AA0; box-shadow:4px 4px 4px  
4px #005AA0 }
```

Background

The CSS property to change the background color of an element to Hex 005AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005AA0 }
```

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

```
.background{ background-color:#005AA0 }
```

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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