

Converting Colors

Hex(0059AD)

Have a look what the booklet for
Hex(0059AD) contains.

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Color

Hex(0059AD)

Conversions

Conversions Part 1

Format	Color
Hex	0059AD
RGB	0, 89, 173
RGB Percent	0%, 35%, 68%
CMY	1.0000, 0.6510, 0.3216
CMYK	1.00, 0.49, 0.00, 0.32
HSL	209°, 100%, 34%
HSV	209°, 100%, 68%
XYZ	11.1152, 10.1619, 40.9108
YIQ	71.9650, -80.0080, 7.2560

Conversions

Conversions Part 2

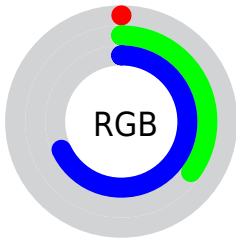
Format	Color
R_{YB}	0, 59, 173
Decimal	22957
CIE _{Lab}	38.13, 11.18, -50.99
CIE _{LCh}	38, 52.201, 282.372
Yxy	10.1619, 0.1787, 0.1634
Android (android.graphics.Color)	4278213037 (0xFF0059AD)
YUV	71.9650, 49.8103, -63.1133
Hunter-Lab	31.8777, 6.4538, -53.7764

Details

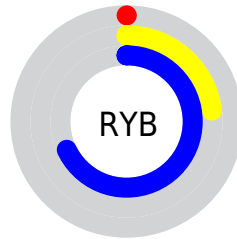
The Hex color **0059AD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AD5400**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5A8AE5**, and **002D78** is the 20% darker color. If you saturate the color by 10%, you get **0059AD**, and if you desaturate by 10%, it is **1161AD**.

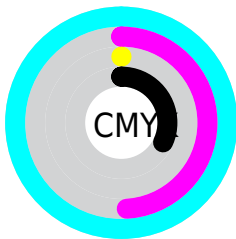
Distribution



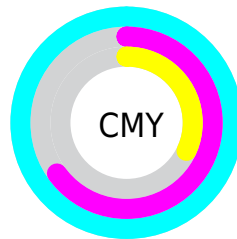
- Red (0%)
- Green (35%)
- Blue (68%)



- Red (0%)
- Yellow (23%)
- Blue (68%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (65%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0059AD 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 0059AD by changing the saturation by 10% instead.

 0059AD

 0059AD

FFFFFF

 004292

 5A8AE5

 002D78

 78A4FF

 001A5E

 96BFFF

 000646

 B4DBFF

 00042F


 D2F7FF

 000119

 F0FFFF

 000000

 0059AD

 1161AD

■ 236AAD

■ 3472AD

■ 457BAD

■ 5783AD

■ 688BAD

■ 7994AD

■ 8A9CAD

■ 9CA5AD

Harmonies

Analogous

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



0065AB



0059AD



714699

Triad

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



0059AD



9B3B22



006B3E

Complementary

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



0059AD



AD5400

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.



2B6612



0059AD



814E00

Square

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



0059AD



A42B4A



5D5D00



006D6B

Rectangle

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



0059AD



8E3782



5D5D00



006A30

Sweetspot

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



0059AD



9DC0E0



00AD54



485D70



F0F0F0



707070

Same Dimension

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



0059AD



0073E0



0003AD



4E5257



004D96



000C17

Inverse Universe

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



AD0059



E00073



ADAA00



574E52



96004D



17000C

Previews

White Background



This preview shows how the Hex color 0059AD looks on a white background.

Color Contrast Check

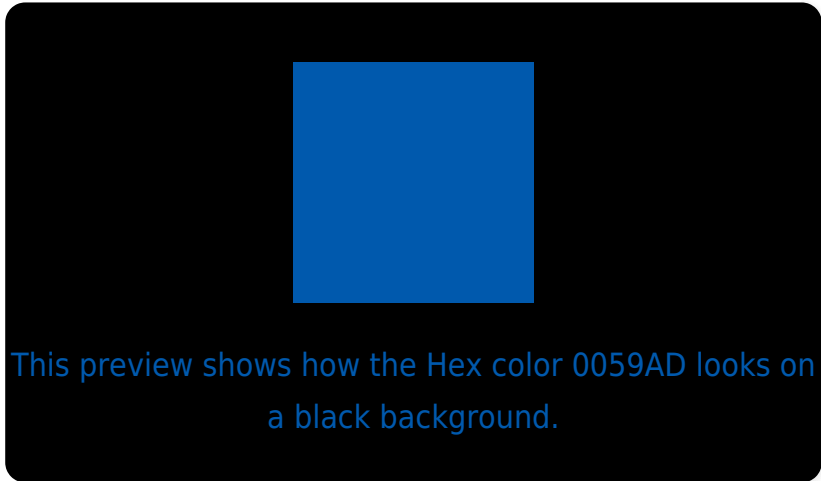
Large Text (above 18pt) WCAG AA ✓ Pass

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

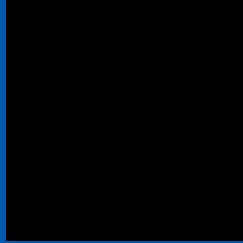
Any Text WCAG AA × Fail

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 0059AD Background



This preview shows how black text looks on a background with the Hex color 0059AD.

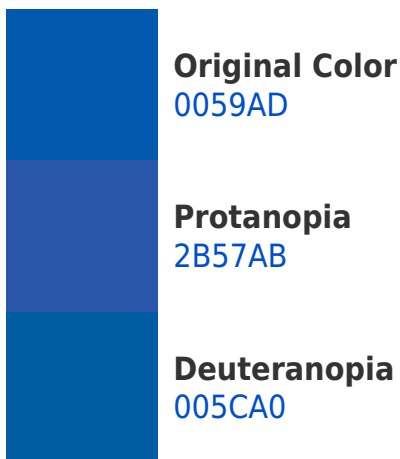


This preview shows how white text looks on a background with the Hex color 0059AD.

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
00646A

Trichromacy



Original Color
0059AD

Protanomaly
1B58AC

Deuteranomaly
005BA5

Tritanomaly
006082

Monochromacy



Original Color
0059AD

Achromatopsia
484848

Achromatomaly
2E4E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0059AD 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 #0059AD looks like.

```
.text, #text, p{  
    color:#0059AD  
}
```

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 #0059AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0059AD
}
```

Border

The CSS property to change the border of an element to Hex 0059AD 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
#0059AD }
```

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

```
.border{ border-color:#0059AD }
```

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

Here you see how a box with a 4 pixel #0059AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0059AD; -webkit-box-shadow:4px 4px  
4px 4px #0059AD; box-shadow:4px 4px 4px  
4px #0059AD }
```

Background

The CSS property to change the background color of an element to Hex 0059AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0059AD }
```

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

```
.background{ background-color:#0059AD }
```

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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