

Converting Colors

Hex(0059A9)

Have a look what the booklet for
Hex(0059A9) contains.

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Color

Hex(0059A9)

Conversions

Conversions Part 1

Format	Color
Hex	0059A9
RGB	0, 89, 169
RGB Percent	0%, 35%, 66%
CMY	1.0000, 0.6510, 0.3373
CMYK	1.00, 0.47, 0.00, 0.34
HSL	208°, 100%, 33%
HSV	208°, 100%, 66%
XYZ	10.7338, 10.0093, 38.9024
YIQ	71.5090, -78.7240, 6.0120

Conversions

Conversions Part 2

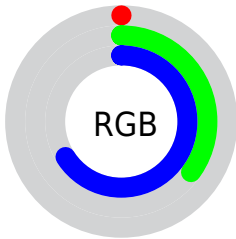
Format	Color
R_{YB}	0, 58, 169
Decimal	22953
CIE Lab	37.86, 9.53, -49.06
CIE LCh	38, 49.974, 280.993
Yxy	10.0093, 0.1800, 0.1678
Android (android.graphics.Color)	4278213033 (0xFF0059A9)
YUV	71.5090, 48.0631, -62.7134
Hunter-Lab	31.6375, 5.1949, -50.7584

Details

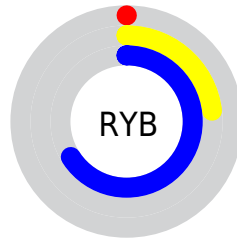
The Hex color **0059A9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A95000**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **598AE1**, and **002D74** is the 20% darker color. If you saturate the color by 10%, you get **0059A9**, and if you desaturate by 10%, it is **1161A9**.

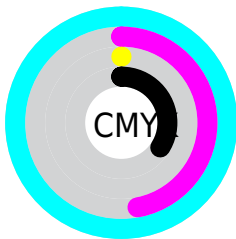
Distribution



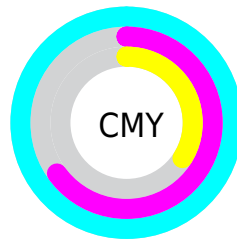
- Red (0%)
- Green (35%)
- Blue (66%)



- Red (0%)
- Yellow (23%)
- Blue (66%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (65%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0059A9 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 0059A9 by changing the saturation by 10% instead.

■ 0059A9

■ 0059A9

FFFFFF

■ 00428E

■ 598AE1

■ 002D74

■ 77A4FE

■ 00195B

■ 95BFFF

■ 000743

■ B2DBFF

■ 00032C

■ D0F8FF

■ 000116

■ EEEFFF

■ 000000

■ 0059A9

■ 1161A9

■ 2269A9

■ 3371A9

■ 4479A9

■ 5481A9

■ 6589A9

■ 7691A9

■ 8799A9

■ 98A1A9

Harmonies

Analogous

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



0065A6



0059A9



6D4797

Triad

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



0059A9



983B26



006A3D

Complementary

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



0059A9



A95000

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.



306514



0059A9



804E00

Square

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



0059A9



A12E4C



5E5C00



006C67

Rectangle

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



0059A9



8A3A81



5E5C00



00692F

Sweetspot

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



0059A9



9ABCDB



00A94F



465B6E



EDEDED



6E6E6E

Same Dimension

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



0059A9



0073DB



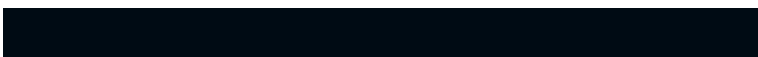
0006A9



4C5054



004E94



000B14

Inverse Universe

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



A90059



DB0073



A9A300



544C50



94004E



14000B

Previews

White Background



This preview shows how the Hex color 0059A9 looks on a white background.

Color Contrast Check

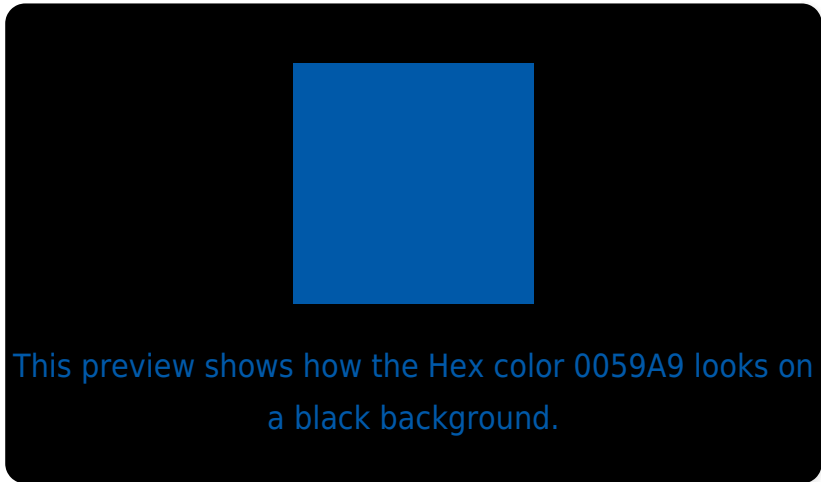
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

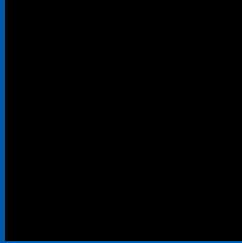
Any Text WCAG AA × Fail

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 0059A9 Background



This preview shows how black text looks on a background with the Hex color 0059A9.



This preview shows how white text looks on a background with the Hex color 0059A9.

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
00636A

Trichromacy



Original Color
0059A9

Protanomaly
1E57A7

Deuteranomaly
005AA3

Tritanomaly
005F81

Monochromacy



Original Color
0059A9

Achromatopsia
484848

Achromatomaly
2E4E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0059A9 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 #0059A9 looks like.

```
.text, #text, p{  
    color:#0059A9  
}
```

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 #0059A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0059A9
}
```

Border

The CSS property to change the border of an element to Hex 0059A9 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
#0059A9 }
```

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

```
.border{ border-color:#0059A9 }
```

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

Here you see how a box with a 4 pixel #0059A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0059A9; -webkit-box-shadow:4px 4px  
4px 4px #0059A9; box-shadow:4px 4px 4px  
4px #0059A9 }
```

Background

The CSS property to change the background color of an element to Hex 0059A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0059A9 }
```

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

```
.background{ background-color:#0059A9 }
```

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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