

Converting Colors

Hex(0051A9)

Have a look what the booklet for
Hex(0051A9) contains.

Hex(0051A9)	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(0051A9)

Conversions

Conversions Part 1

Format	Color
Hex	0051A9
RGB	0, 81, 169
RGB Percent	0%, 32%, 66%
CMY	1.0000, 0.6824, 0.3373
CMYK	1.00, 0.52, 0.00, 0.34
HSL	211°, 100%, 33%
HSV	211°, 100%, 66%
XYZ	10.1039, 8.7494, 38.6924
YIQ	66.8130, -76.5240, 10.1960

Conversions

Conversions Part 2

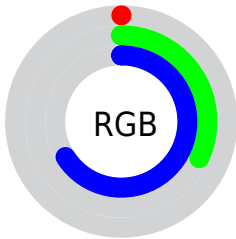
Format	Color
RYB	0, 55, 169
Decimal	20905
CIELab	35.50, 14.89, -52.87
CIElCh	35, 54.929, 285.724
Yxy	8.7494, 0.1756, 0.1520
Android (android.graphics.Color)	4278210985 (0xFF0051A9)
YUV	66.8130, 50.3782, -58.5950
Hunter-Lab	29.5794, 9.2087, -56.8507

Details

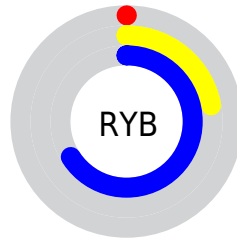
The Hex color **0051A9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A95800**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5982E1**, and **002674** is the 20% darker color. If you saturate the color by 10%, you get **0051A9**, and if you desaturate by 10%, it is **115AA9**.

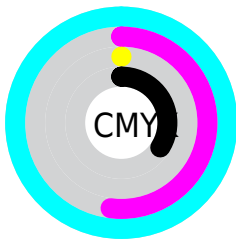
Distribution



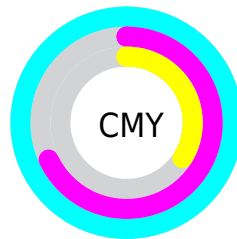
- Red (0%)
- Green (32%)
- Blue (66%)



- Red (0%)
- Yellow (22%)
- Blue (66%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0051A9 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 0051A9 by changing the saturation by 10% instead.

 0051A9

 0051A9

FFFFFF

 003B8E

 5982E1

 002674

 779BFE

 00135B

 95B6FF

 000742

 B3D2FF

 00032B


 D0EEFF

 000116

 EEEFFF

 000000

 0051A9

 115AA9

■ 2263A9

■ 336BA9

■ 4474A9

■ 547DA9

■ 6586A9

■ 768FA9

■ 8797A9

■ 98A0A9

Harmonies

Analogous

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



005FA9



0051A9



713B92

Triad

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



0051A9



933414



00653C

Complementary

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



0051A9



A95800

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.



14610B



0051A9



774A00

Square

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



0051A9



A01F3F



515900



00676A

Rectangle

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



0051A9



8D2A78



515900



00642D

Sweetspot

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



0051A9



9AB9DB



00A957



46596E



EDEDED



6E6E6E

Same Dimension

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



0051A9



0069DB



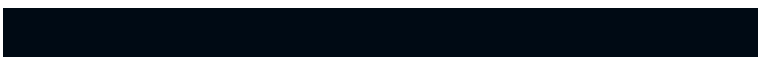
0300A9



4C5054



004794



000A14

Inverse Universe

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



A90051



DB0069



A6A900



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 0051A9 looks on a white background.

Color Contrast Check

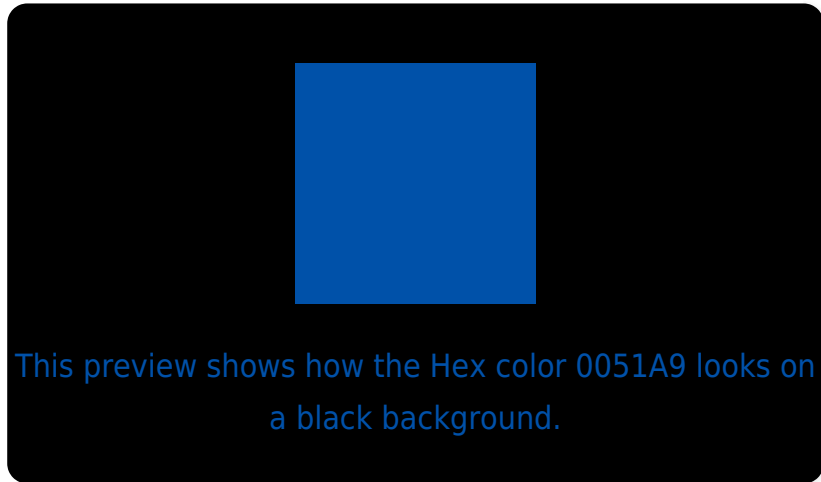
Large Text (above 18pt) WCAG AA ✓ Pass

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

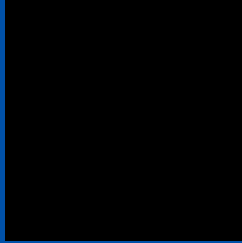
Any Text WCAG AA × Fail

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 0051A9 Background



This preview shows how black text looks on a background with the Hex color 0051A9.



This preview shows how white text looks on a background with the Hex color 0051A9.

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
0051A9

Protanopia
1551A8

Deuteranopia
005694



Tritanopia
005D63

Trichromacy



Original Color
0051A9

Protanomaly
0D51A8

Deuteranomaly
00549C

Tritanomaly
00597C

Monochromacy



Original Color
0051A9

Achromatopsia
434343

Achromatomaly
2B4868

CSS Examples

Text

The CSS property to change the color of the text to Hex 0051A9 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 #0051A9 looks like.

```
.text, #text, p{  
    color:#0051A9  
}
```

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 #0051A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051A9
}
```

Border

The CSS property to change the border of an element to Hex 0051A9 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
#0051A9 }
```

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

```
.border{ border-color:#0051A9 }
```

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

Here you see how a box with a 4 pixel #0051A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051A9; -webkit-box-shadow:4px 4px  
4px 4px #0051A9; box-shadow:4px 4px 4px  
4px #0051A9 }
```

Background

The CSS property to change the background color of an element to Hex 0051A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051A9 }
```

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

```
.background{ background-color:#0051A9 }
```

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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