

Converting Colors

Hex(00579B)

Have a look what the booklet for
Hex(00579B) contains.

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Color

Hex(00579B)

Conversions

Conversions Part 1

Format	Color
Hex	00579B
RGB	0, 87, 155
RGB Percent	0%, 34%, 61%
CMY	1.0000, 0.6588, 0.3922
CMYK	1.00, 0.44, 0.00, 0.39
HSL	206°, 100%, 30%
HSV	206°, 100%, 61%
XYZ	9.3246, 9.1829, 32.2914
YIQ	68.7390, -73.6800, 2.7040

Conversions

Conversions Part 2

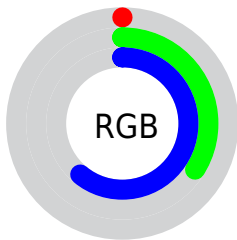
Format	Color
RYB	0, 56, 155
Decimal	22427
CIELab	36.33, 5.03, -43.14
CIELCh	36, 43.435, 276.645
Yxy	9.1829, 0.1836, 0.1808
Android (android.graphics.Color)	4278212507 (0xFF00579B)
YUV	68.7390, 42.5267, -60.2841
Hunter-Lab	30.3034, 1.8949, -41.9672

Details

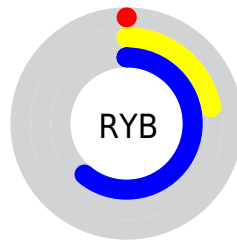
The Hex color **00579B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B4400**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5588D2**, and **002B67** is the 20% darker color. If you saturate the color by 10%, you get **00579B**, and if you desaturate by 10%, it is **0F5E9B**.

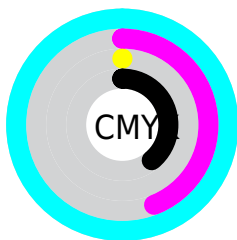
Distribution



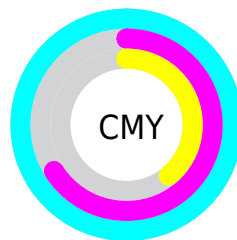
- Red (0%)
- Green (34%)
- Blue (61%)



- Red (0%)
- Yellow (22%)
- Blue (61%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (66%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00579B 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 00579B by changing the saturation by 10% instead.

 00579B

 00579B

FFFFFF

 004081


 5588D2

 002B67

 72A2EF

 00174F

 8FBDFE

 000537

 ACD9FF

 000221

 CAF5FF

 000006

 E7FFFF

 000000

 00579B

 0F5E9B

■ 1F659B

■ 2F6B9B

■ 3E729B

■ 4E799B

■ 5D809B

■ 6C879B

■ 7C8D9B

■ 8B949B

Harmonies

Analogous

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



006095



00579B



60498E

Triad

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



00579B



8F3B2E



006438

Complementary

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



00579B



9B4400

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.



3B5F18



00579B



7C4911

Square

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



00579B



94334F



605603



00665C

Rectangle

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



00579B



7C3E7C



605603



12632D

Sweetspot

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



00579B



8DAFC9



009B43



415666



E6E6E6



666666

Same Dimension

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



00579B



0071C9



000A9B



45494D



004F8C



00070D

Inverse Universe

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



9B0057



C90071



9B9100



4D4549



8C004F



0D0007

Previews

White Background



This preview shows how the Hex color 00579B looks on a white background.

Color Contrast Check

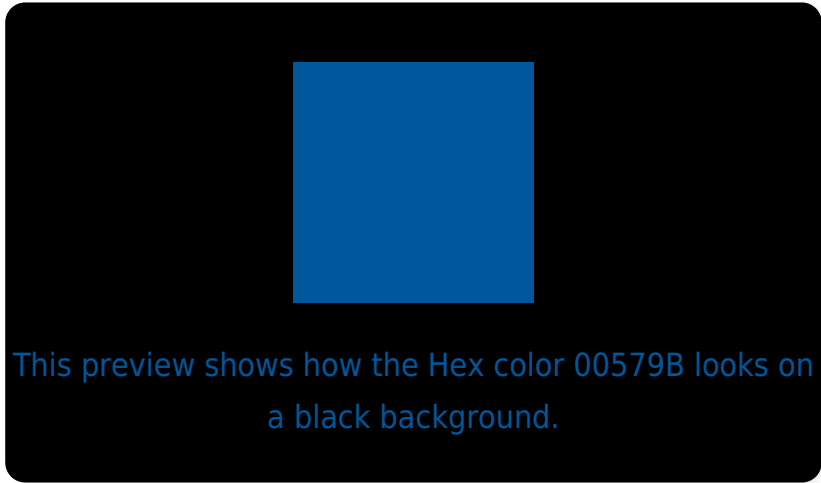
Large Text (above 18pt) WCAG AA ✓ Pass

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

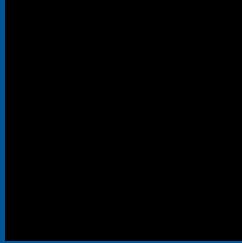
Any Text WCAG AA × Fail

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 00579B Background



This preview shows how black text looks on a background with the Hex color 00579B.



This preview shows how white text looks on a background with the Hex color 00579B.

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
005F66

Trichromacy



Original Color
00579B

Protanomaly
225498

Deuteranomaly
00579A

Tritanomaly
005C79

Monochromacy



Original Color
00579B

Achromatopsia
454545

Achromatomaly
2C4C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 00579B 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 #00579B looks like.

```
.text, #text, p{  
    color:#00579B  
}
```

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 #00579B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00579B
}
```

Border

The CSS property to change the border of an element to Hex 00579B 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
#00579B }
```

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

```
.border{ border-color:#00579B }
```

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

Here you see how a box with a 4 pixel #00579B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00579B; -webkit-box-shadow:4px 4px  
4px 4px #00579B; box-shadow:4px 4px 4px  
4px #00579B }
```

Background

The CSS property to change the background color of an element to Hex 00579B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00579B }
```

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

```
.background{ background-color:#00579B }
```

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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