

Converting Colors

Hex(005F9B)

Have a look what the booklet for
Hex(005F9B) contains.

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Color

Hex(005F9B)

Conversions

Conversions Part 1

Format	Color
Hex	005F9B
RGB	0, 95, 155
RGB Percent	0%, 37%, 61%
CMY	1.0000, 0.6275, 0.3922
CMYK	1.00, 0.39, 0.00, 0.39
HSL	203°, 100%, 30%
HSV	203°, 100%, 61%
XYZ	10.0086, 10.5510, 32.5194
YIQ	73.4350, -75.8800, -1.4800

Conversions

Conversions Part 2

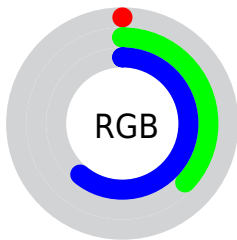
Format	Color
RYB	0, 59, 155
Decimal	24475
CIELab	38.81, -0.16, -39.18
CIELCh	39, 39.181, 269.773
Yxy	10.5510, 0.1886, 0.1988
Android (android.graphics.Color)	4278214555 (0xFF005F9B)
YUV	73.4350, 40.2115, -64.4025
Hunter-Lab	32.4823, -1.8436, -36.6202

Details

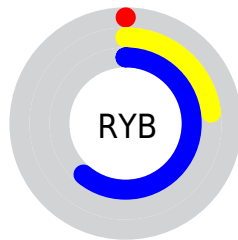
The Hex color **005F9B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B3C00**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5591D2**, and **003267** is the 20% darker color. If you saturate the color by 10%, you get **005F9B**, and if you desaturate by 10%, it is **0F659B**.

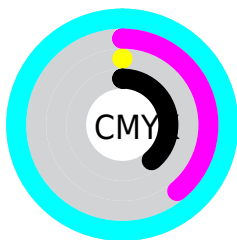
Distribution



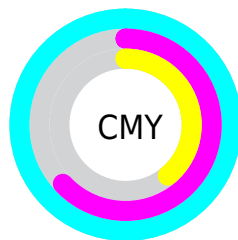
- Red (0%)
- Green (37%)
- Blue (61%)



- Red (0%)
- Yellow (23%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005F9B 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 005F9B by changing the saturation by 10% instead.

■ 005F9B

■ 005F9B

FFFFFF

■ 004881

■ 5591D2

■ 003267

■ 72ABEE

■ 001D4F

■ 8FC7FF

■ 000538

■ ACE3FF

■ 000221

■ CAFFFF

■ 000006

■ E7FFFF

■ 000000

■ 005F9B

■ 0F659B

■ 1F6B9B

■ 2F719B

■ 3E779B

■ 4E7D9B

■ 5D839B

■ 6C899B

■ 7C8F9B

■ 8B959B

Harmonies

Analogous

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



006792



005F9B



5C5393

Triad

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



005F9B



94423E



1F683A

Complementary

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



005F9B



9B3C00

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.



4D6320



005F9B



854E24

Square

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



005F9B



943E5D



6D5A17



006B5A

Rectangle

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



005F9B



774A85



6D5A17



326730

Sweetspot

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



005F9B



8DB2C9



009B3B



415866



E6E6E6



666666

Same Dimension

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



005F9B



007BC9



00129B



454A4D



00568C



00080D

Inverse Universe

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



9B005F



C9007B



9B8900



4D454A



8C0056



0D0008

Previews

White Background



This preview shows how the Hex color 005F9B looks on a white background.

Color Contrast Check

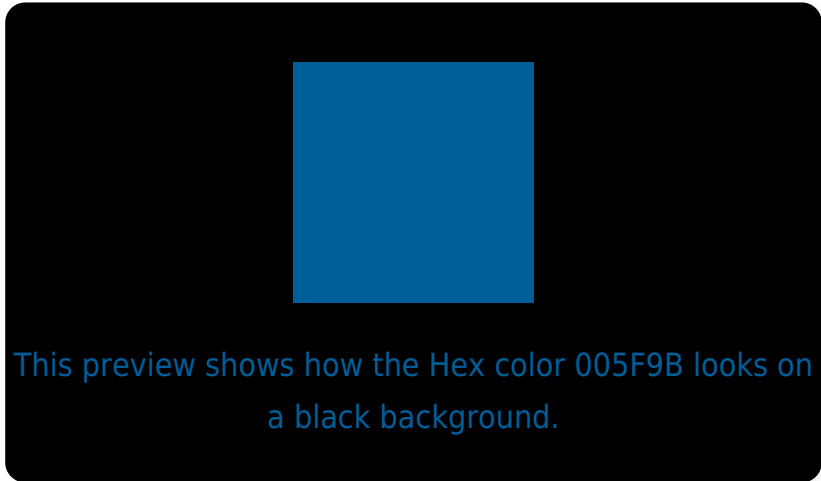
Large Text (above 18pt) WCAG AA ✓ Pass

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

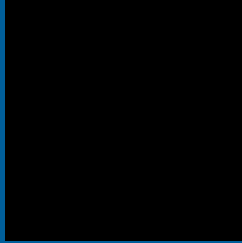
Any Text WCAG AA × Fail

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 005F9B Background



This preview shows how black text looks on a background with the Hex color 005F9B.

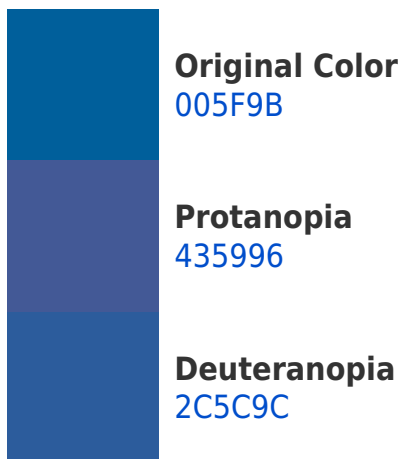


This preview shows how white text looks on a background with the Hex color 005F9B.

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](#).

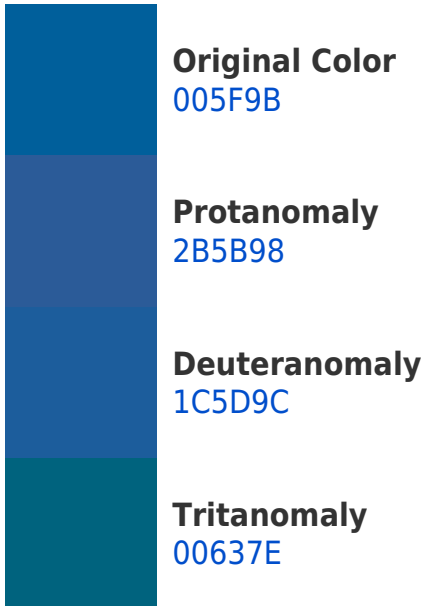
Dichromacy





Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005F9B 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 #005F9B looks like.

```
.text, #text, p{  
    color:#005F9B  
}
```

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 #005F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F9B
}
```

Border

The CSS property to change the border of an element to Hex 005F9B 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
#005F9B }
```

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

```
.border{ border-color:#005F9B }
```

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

Here you see how a box with a 4 pixel #005F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F9B; -webkit-box-shadow:4px 4px  
4px 4px #005F9B; box-shadow:4px 4px 4px  
4px #005F9B }
```

Background

The CSS property to change the background color of an element to Hex 005F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F9B }
```

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

```
.background{ background-color:#005F9B }
```

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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