

Converting Colors

Hex(00679A)

Have a look what the booklet for
Hex(00679A) contains.

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Color

Hex(00679A)

Conversions

Conversions Part 1

Format	Color
Hex	00679A
RGB	0, 103, 154
RGB Percent	0%, 40%, 60%
CMY	1.0000, 0.5961, 0.3961
CMYK	1.00, 0.33, 0.00, 0.40
HSL	200°, 100%, 30%
HSV	200°, 100%, 60%
XYZ	10.6830, 12.0336, 32.3315
YIQ	78.0170, -77.7590, -5.9750

Conversions

Conversions Part 2

Format	Color
RYB	0, 62, 154
Decimal	26522
CIELab	41.27, -5.55, -34.69
CIELCh	41, 35.131, 260.906
Yxy	12.0336, 0.1941, 0.2186
Android (android.graphics.Color)	4278216602 (0xFF00679A)
YUV	78.0170, 37.4596, -68.4209
Hunter-Lab	34.6895, -5.7356, -30.9772

Details

The Hex color **00679A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A3300**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **559AD1**, and **003866** is the 20% darker color. If you saturate the color by 10%, you get **00679A**, and if you desaturate by 10%, it is **0F6C9A**.

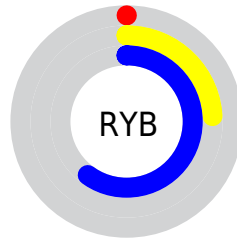
Distribution



Red (0%)

Green (40%)

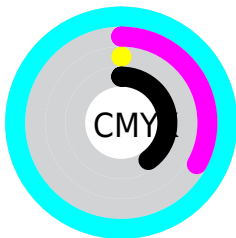
Blue (60%)



Red (0%)

Yellow (24%)

Blue (60%)

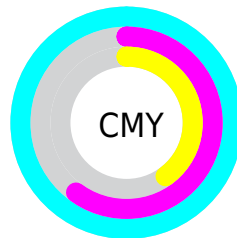


Cyan (100%)

Magenta (33%)

Yellow (0%)

Black (40%)



Cyan (100%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00679A 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 00679A by changing the saturation by 10% instead.

00679A

00679A

FFFFFF

004F80

559AD1

003866

72B5ED

00234E

8FD0FF

000D37

ACECFF

000221

CAFFFF

000006

E7FFFF

000000

00679A

0F6C9A

■ 1F719A

■ 2E769A

■ 3E7B9A

■ 4D819A

■ 5C869A

■ 6C8B9A

■ 7B909A

■ 8B959A

Harmonies

Analogous

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



006D8D



00679A



555D97

Triad

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



00679A



974A4E



3C6C3C

Complementary

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



00679A



9A3300

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.



5E6629



00679A



8E5235

Square

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



00679A



924A6B



7A5D27



006F57

Rectangle

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



00679A



71568D



7A5D27



496A34

Sweetspot

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



00679A



8DB5C9



009A31



415A66



E6E6E6



666666

Same Dimension

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



00679A



0087C9



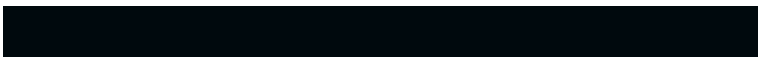
001C9A



454A4D



005E8C



00090D

Inverse Universe

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



9A0067



C90087



9A7E00



4D454A



8C005E



0D0009

Previews

White Background



This preview shows how the Hex color 00679A looks on a white background.

Color Contrast Check

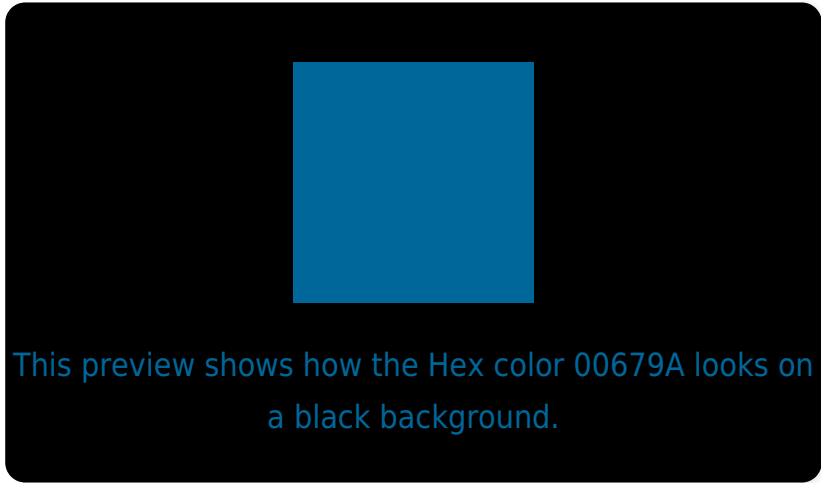
Large Text (above 18pt) WCAG AA ✓ Pass

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

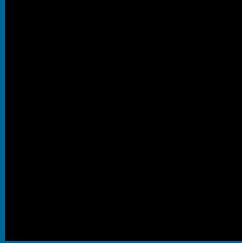
Any Text WCAG AA × Fail

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 00679A Background



This preview shows how black text looks on a background with the Hex color 00679A.



This preview shows how white text looks on a background with the Hex color 00679A.

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](#).

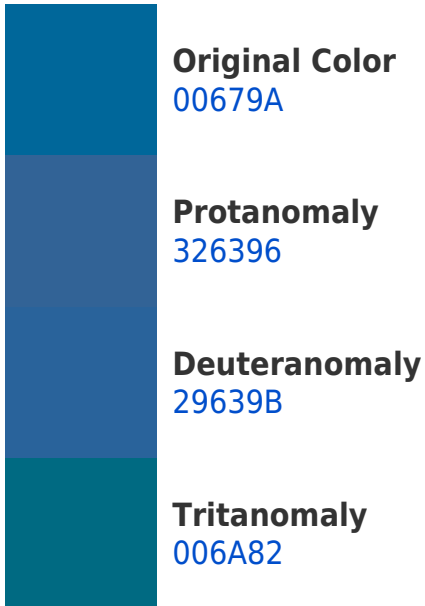
Dichromacy





Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00679A 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 #00679A looks like.

```
.text, #text, p{  
    color:#00679A  
}
```

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 #00679A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00679A
}
```

Border

The CSS property to change the border of an element to Hex 00679A 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
#00679A }
```

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

```
.border{ border-color:#00679A }
```

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

Here you see how a box with a 4 pixel #00679A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00679A; -webkit-box-shadow:4px 4px  
4px 4px #00679A; box-shadow:4px 4px 4px  
4px #00679A }
```

Background

The CSS property to change the background color of an element to Hex 00679A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00679A }
```

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

```
.background{ background-color:#00679A }
```

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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