

Converting Colors

Hex(00669A)

Have a look what the booklet for
Hex(00669A) contains.

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Color

Hex(00669A)

Conversions

Conversions Part 1

Format	Color
Hex	00669A
RGB	0, 102, 154
RGB Percent	0%, 40%, 60%
CMY	1.0000, 0.6000, 0.3961
CMYK	1.00, 0.34, 0.00, 0.40
HSL	200°, 100%, 30%
HSV	200°, 100%, 60%
XYZ	10.5841, 11.8358, 32.2986
YIQ	77.4300, -77.4840, -5.4520

Conversions

Conversions Part 2

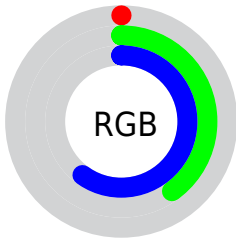
Format	Color
RYB	0, 61, 154
Decimal	26266
CIELab	40.95, -4.94, -35.19
CIELCh	41, 35.533, 262.009
Yxy	11.8358, 0.1934, 0.2163
Android (android.graphics.Color)	4278216346 (0xFF00669A)
YUV	77.4300, 37.7490, -67.9061
Hunter-Lab	34.4033, -5.2904, -31.5805

Details

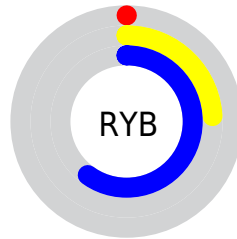
The Hex color **00669A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A3400**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5599D1**, and **003866** is the 20% darker color. If you saturate the color by 10%, you get **00669A**, and if you desaturate by 10%, it is **0F6B9A**.

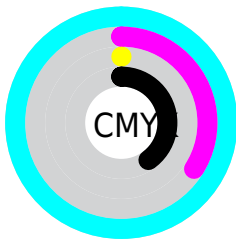
Distribution



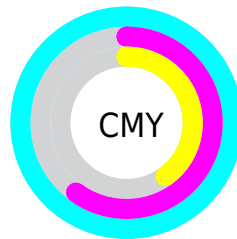
- Red (0%)
- Green (40%)
- Blue (60%)



- Red (0%)
- Yellow (24%)
- Blue (60%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00669A 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 00669A by changing the saturation by 10% instead.

 00669A

 00669A

FFFFFF

 004E80

 5599D1

 003866

 72B3ED

 00234E

 8FCFFF

 000B37

 ACEBFF

 000221

 CAFFFF

 000006

 E7FFFF

 000000

 00669A

 0F6B9A

■ 1F709A

■ 2E769A

■ 3E7B9A

■ 4D809A

■ 5C859A

■ 6C8A9A

■ 7B909A

■ 8B959A

Harmonies

Analogous

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



006C8E



00669A



565C97

Triad

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



00669A



97494C



396C3B

Complementary

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



00669A



9A3400

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.



5C6528



00669A



8D5133

Square

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



00669A



92486A



785C25



006F58

Rectangle

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



00669A



72548C



785C25



466A33

Sweetspot

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



00669A



8DB5C9



009A33



415A66



E6E6E6



666666

Same Dimension

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



00669A



0085C9



001A9A



454A4D



005D8C



00080D

Inverse Universe

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



9A0066



C90085



9A8000



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 00669A looks on a white background.

Color Contrast Check

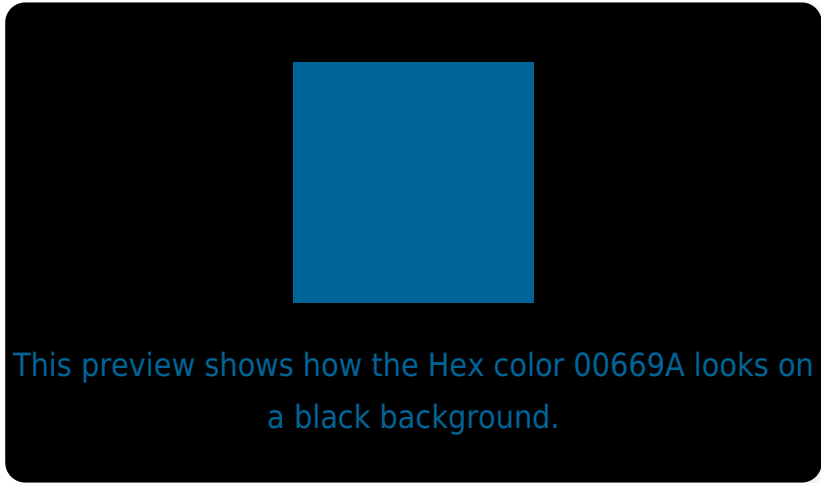
Large Text (above 18pt) WCAG AA ✓ Pass

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

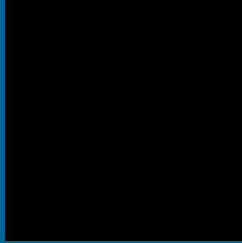
Any Text WCAG AA × Fail

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 00669A Background



This preview shows how black text looks on a background with the Hex color 00669A.

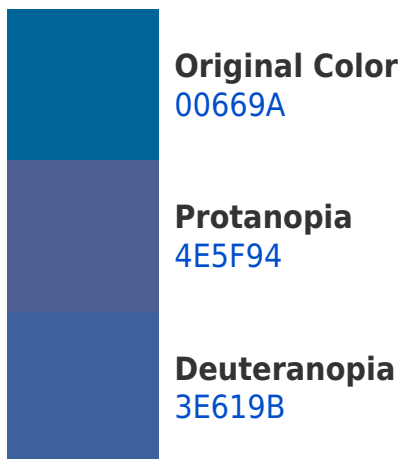


This preview shows how white text looks on a background with the Hex color 00669A.

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
006B73

Trichromacy



Original Color
00669A

Protanomaly
326296

Deuteranomaly
27639B

Tritanomaly
006981

Monochromacy



Original Color
00669A

Achromatopsia
4D4D4D

Achromatomaly
315669

CSS Examples

Text

The CSS property to change the color of the text to Hex 00669A 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 #00669A looks like.

```
.text, #text, p{  
    color:#00669A  
}
```

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 #00669A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00669A
}
```

Border

The CSS property to change the border of an element to Hex 00669A 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
#00669A }
```

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

```
.border{ border-color:#00669A }
```

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

Here you see how a box with a 4 pixel #00669A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00669A; -webkit-box-shadow:4px 4px  
4px 4px #00669A; box-shadow:4px 4px 4px  
4px #00669A }
```

Background

The CSS property to change the background color of an element to Hex 00669A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00669A }
```

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

```
.background{ background-color:#00669A }
```

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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