

Converting Colors

Hex(006A9C)

Have a look what the booklet for
Hex(006A9C) contains.

Hex(006A9C)	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(006A9C)

Conversions

Conversions Part 1

Format	Color
Hex	006A9C
RGB	0, 106, 156
RGB Percent	0%, 42%, 61%
CMY	1.0000, 0.5843, 0.3882
CMYK	1.00, 0.32, 0.00, 0.39
HSL	199°, 100%, 31%
HSV	199°, 100%, 61%
XYZ	11.1548, 12.7084, 33.3175
YIQ	80.0060, -79.2260, -6.9220

Conversions

Conversions Part 2

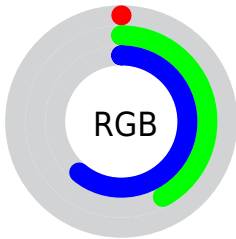
Format	Color
RYB	0, 63, 156
Decimal	27292
CIELab	42.32, -6.58, -34.22
CIELCh	42, 34.847, 259.113
Yxy	12.7084, 0.1951, 0.2222
Android (android.graphics.Color)	4278217372 (0xFF006A9C)
YUV	80.0060, 37.4650, -70.1653
Hunter-Lab	35.6488, -6.5314, -30.4585

Details

The Hex color **006A9C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C3200**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **559DD3**, and **003B68** is the 20% darker color. If you saturate the color by 10%, you get **006A9C**, and if you desaturate by 10%, it is **106F9C**.

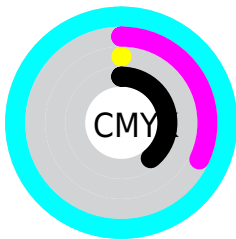
Distribution



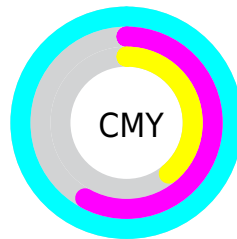
- Red (0%)
- Green (42%)
- Blue (61%)



- Red (0%)
- Yellow (25%)
- Blue (61%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A9C 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 006A9C by changing the saturation by 10% instead.

006A9C

006A9C

FFFFFF

005282

559DD3

003B68

73B8EF

002650

90D4FF

001139

ADF0FF

000223

CBFFFF

000009

E8FFFF

000000

006A9C

106F9C

 1F749C

 2F799C

 3E7E9C

 4E839C

 5E889C

 6D8D9C

 7D929C

 8C979C

Harmonies

Analogous

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



00708F



006A9C



55609A

Triad

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



006A9C



9A4C53



416E3D

Complementary

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



006A9C



9C3200

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.



63682B



006A9C



915439

Square

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



006A9C



944D70



7E5F2A



027258

Rectangle

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



006A9C



725991



7E5F2A



4D6D36

Sweetspot

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



006A9C



8FB8CC



009C31



415A66



E6E6E6



666666

Same Dimension

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



006A9C



008BCC



001D9C



474D4F



00618F



000A0F

Inverse Universe

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



9C006A



CC008B



9C7F00



4F474D



8F0061



0F000A

Previews

White Background



This preview shows how the Hex color 006A9C looks on a white background.

Color Contrast Check

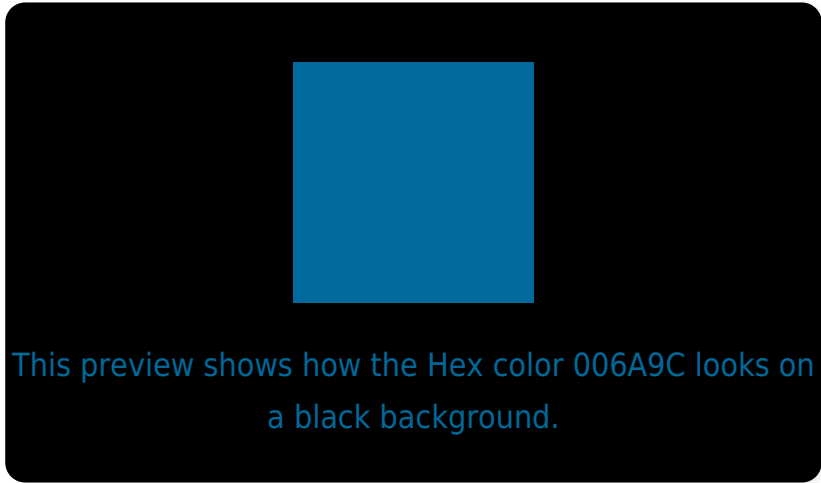
Large Text (above 18pt) WCAG AA ✓ Pass

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

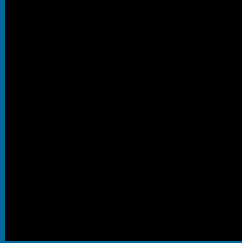
Any Text WCAG AA × Fail

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 006A9C Background



This preview shows how black text looks on a background with the Hex color 006A9C.



This preview shows how white text looks on a background with the Hex color 006A9C.

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](#).

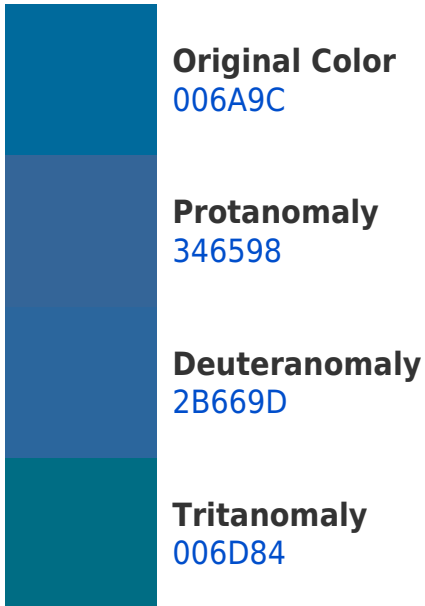
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006A9C 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 #006A9C looks like.

```
.text, #text, p{  
    color:#006A9C  
}
```

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 #006A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A9C
}
```

Border

The CSS property to change the border of an element to Hex 006A9C 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
#006A9C }
```

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

```
.border{ border-color:#006A9C }
```

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

Here you see how a box with a 4 pixel #006A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A9C; -webkit-box-shadow:4px 4px  
4px 4px #006A9C; box-shadow:4px 4px 4px  
4px #006A9C }
```

Background

The CSS property to change the background color of an element to Hex 006A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A9C }
```

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

```
.background{ background-color:#006A9C }
```

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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