

Converting Colors

Hex(00618D)

Have a look what the booklet for
Hex(00618D) contains.

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Color

Hex(00618D)

Conversions

Conversions Part 1

Format	Color
Hex	00618D
RGB	0, 97, 141
RGB Percent	0%, 38%, 55%
CMY	1.0000, 0.6196, 0.4471
CMYK	1.00, 0.31, 0.00, 0.45
HSL	199°, 100%, 28%
HSV	199°, 100%, 55%
XYZ	9.0824, 10.4725, 26.7420
YIQ	73.0130, -71.9360, -6.8800

Conversions

Conversions Part 2

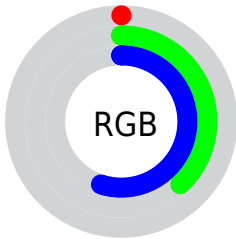
Format	Color
RYB	0, 57, 141
Decimal	24973
CIELab	38.68, -7.09, -30.98
CIELCh	39, 31.778, 257.112
Yxy	10.4725, 0.1962, 0.2262
Android (android.graphics.Color)	4278215053 (0xFF00618D)
YUV	73.0130, 33.5176, -64.0324
Hunter-Lab	32.3612, -6.5348, -26.3420

Details

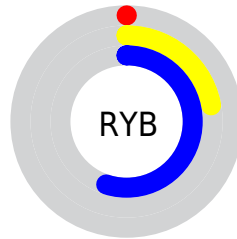
The Hex color **00618D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8D2C00**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5193C3**, and **00335A** is the 20% darker color. If you saturate the color by 10%, you get **00618D**, and if you desaturate by 10%, it is **0E658D**.

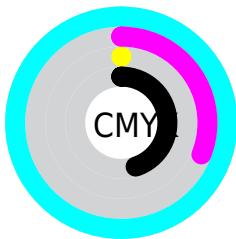
Distribution



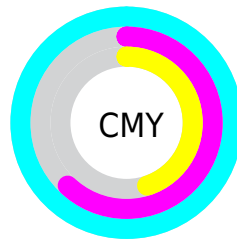
- Red (0%)
- Green (38%)
- Blue (55%)



- Red (0%)
- Yellow (22%)
- Blue (55%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00618D 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 00618D by changing the saturation by 10% instead.

■ 00618D

■ 00618D

FFFFFF

■ 004973

■ 5193C3

■ 00335A

■ 6EAEDF

■ 001E43

■ 8AC9FC

■ 00032C

■ A7E5FF

■ 000117

■ C4FFFF

■ 000000

■ E2FFFF

■ 00618D

■ 0E658D

■ 1C6A8D

■ 2A6E8D

■ 38738D

■ 47778D

■ 557B8D

■ 63808D

■ 71848D

■ 7F898D

Harmonies

Analogous

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



006680



00618D



4B598C

Triad

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



00618D



8C464D



3F6437

Complementary

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



00618D



8D2C00

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.



5C5E28



00618D



854C36

Square

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



00618D



854767



745628



11674F

Rectangle

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



00618D



655284



745628



496330

Sweetspot

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



00618D



81A6B8



008D2A



3B515C



DBDBDB



5C5C5C

Same Dimension

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



00618D



007EB8



001C8D



404547



005D87



000508

Inverse Universe

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



8D0061



B8007E



8D7100



474045



87005D



080005

Previews

White Background



This preview shows how the Hex color 00618D looks on a white background.

Color Contrast Check

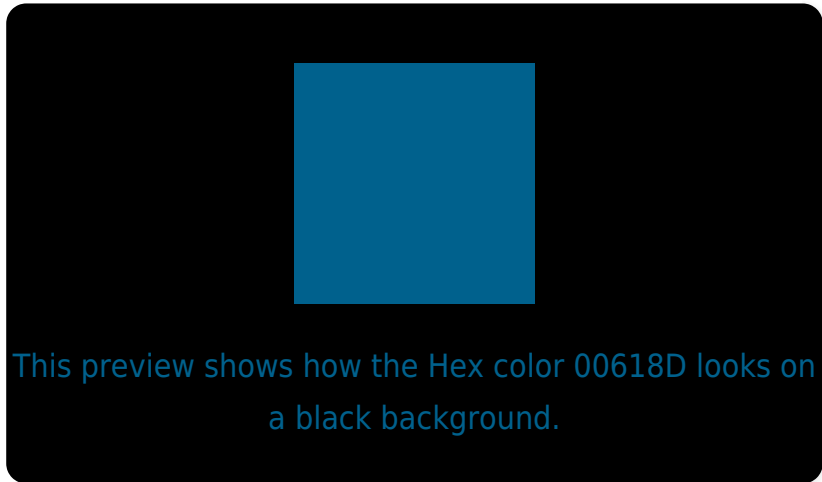
Large Text (above 18pt) WCAG AA ✓ Pass

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

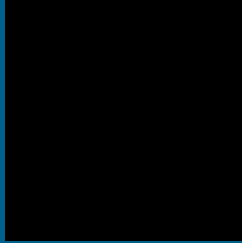
Any Text WCAG AA × Fail

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 00618D Background



This preview shows how black text looks on a background with the Hex color 00618D.



This preview shows how white text looks on a background with the Hex color 00618D.

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](#).

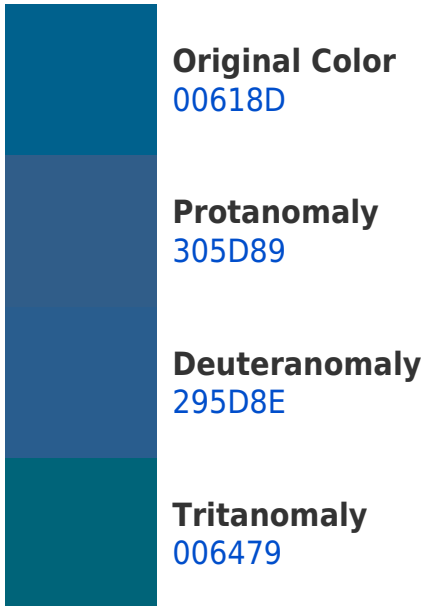
Dichromacy





Tritanopia
00656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00618D 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 #00618D looks like.

```
.text, #text, p{  
    color:#00618D  
}
```

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 #00618D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00618D
}
```

Border

The CSS property to change the border of an element to Hex 00618D 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
#00618D }
```

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

```
.border{ border-color:#00618D }
```

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

Here you see how a box with a 4 pixel #00618D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00618D; -webkit-box-shadow:4px 4px  
4px 4px #00618D; box-shadow:4px 4px 4px  
4px #00618D }
```

Background

The CSS property to change the background color of an element to Hex 00618D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00618D }
```

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

```
.background{ background-color:#00618D }
```

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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