

Converting Colors

Hex(00628C)

Have a look what the booklet for
Hex(00628C) contains.

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Color

Hex(00628C)

Conversions

Conversions Part 1

Format	Color
Hex	00628C
RGB	0, 98, 140
RGB Percent	0%, 38%, 55%
CMY	1.0000, 0.6157, 0.4510
CMYK	1.00, 0.30, 0.00, 0.45
HSL	198°, 100%, 27%
HSV	198°, 100%, 55%
XYZ	9.1013, 10.6288, 26.3828
YIQ	73.4860, -71.8900, -7.7140

Conversions

Conversions Part 2

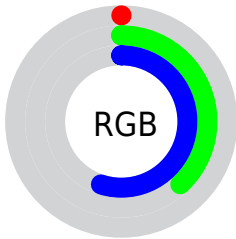
Format	Color
RYB	0, 58, 140
Decimal	25228
CIELab	38.95, -8.10, -29.95
CIELCh	39, 31.023, 254.871
Yxy	10.6288, 0.1974, 0.2305
Android (android.graphics.Color)	4278215308 (0xFF00628C)
YUV	73.4860, 32.7914, -64.4472
Hunter-Lab	32.6019, -7.2223, -25.1587

Details

The Hex color **00628C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C2A00**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5195C2**, and **00345A** is the 20% darker color. If you saturate the color by 10%, you get **00628C**, and if you desaturate by 10%, it is **0E668C**.

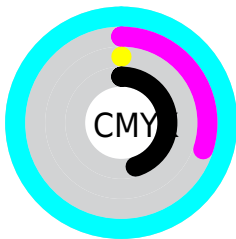
Distribution



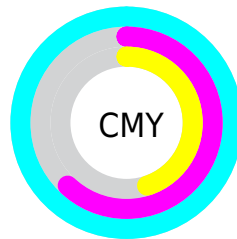
- Red (0%)
- Green (38%)
- Blue (55%)



- Red (0%)
- Yellow (23%)
- Blue (55%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00628C 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 00628C by changing the saturation by 10% instead.

 00628C

 00628C

FFFFFF

 004A72

 5195C2

 00345A

 6EAFDE

 001F42

 8ACBFA

 00032C

 A7E7FF

 000116

 C4FFFF

 000000

 E1FFFF

 00628C

 0E668C

■ 1C6A8C

■ 2A6F8C

■ 38738C

■ 46778C

■ 547B8C

■ 627F8C

■ 70848C

■ 7E888C

Harmonies

Analogous

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



00677F



00628C



495A8C

Triad

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



00628C



8C4750



426437

Complementary

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



00628C



8C2A00

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.



5F5E29



00628C



864D39

Square

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



00628C



84486A



76562B



1B684E

Rectangle

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



00628C



635485



76562B



4D6331

Sweetspot

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



00628C



7FA5B5



008C2A



3B525C



DBDBDB



5C5C5C

Same Dimension

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



00628C



007FB5



001C8C



3E4345



005D85



000405

Inverse Universe

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



8C0062



B5007F



8C7000



453E43



85005D



050004

Previews

White Background



This preview shows how the Hex color 00628C looks on a white background.

Color Contrast Check

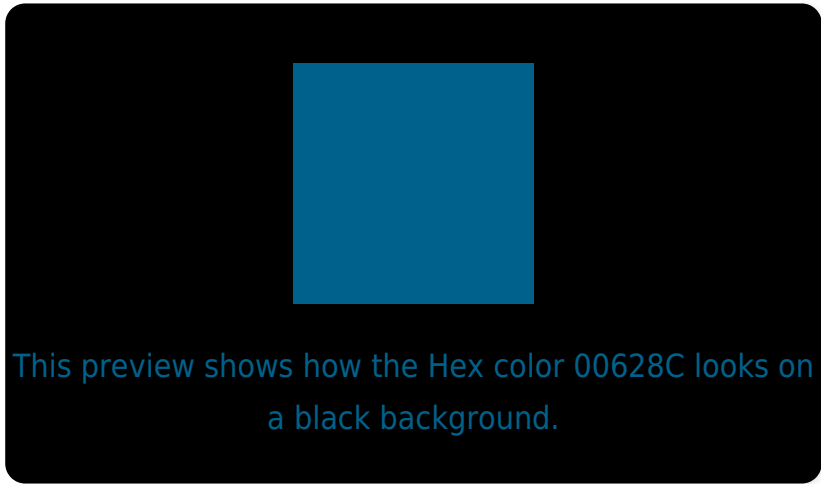
Large Text (above 18pt) WCAG AA ✓ Pass

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

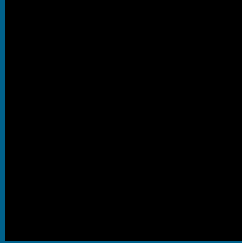
Any Text WCAG AA × Fail

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 00628C Background



This preview shows how black text looks on a background with the Hex color 00628C.



This preview shows how white text looks on a background with the Hex color 00628C.

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](#).

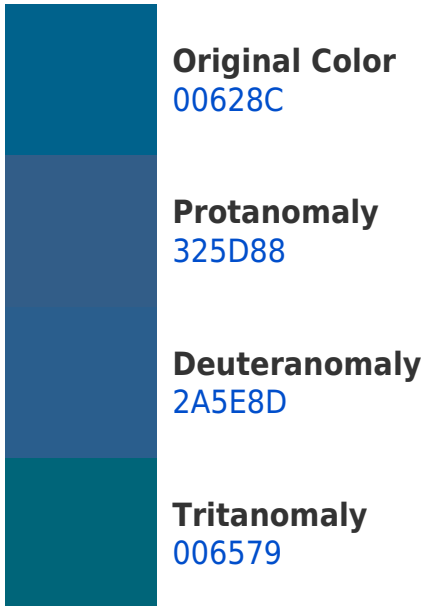
Dichromacy





Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00628C 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 #00628C looks like.

```
.text, #text, p{  
    color:#00628C  
}
```

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 #00628C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00628C
}
```

Border

The CSS property to change the border of an element to Hex 00628C 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
#00628C }
```

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

```
.border{ border-color:#00628C }
```

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

Here you see how a box with a 4 pixel #00628C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00628C; -webkit-box-shadow:4px 4px  
4px 4px #00628C; box-shadow:4px 4px 4px  
4px #00628C }
```

Background

The CSS property to change the background color of an element to Hex 00628C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00628C }
```

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

```
.background{ background-color:#00628C }
```

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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