

Converting Colors

Hex(00658A)

Have a look what the booklet for
Hex(00658A) contains.

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Color

Hex(00658A)

Conversions

Conversions Part 1

Format	Color
Hex	00658A
RGB	0, 101, 138
RGB Percent	0%, 40%, 54%
CMY	1.0000, 0.6039, 0.4588
CMYK	1.00, 0.27, 0.00, 0.46
HSL	196°, 100%, 27%
HSV	196°, 100%, 54%
XYZ	9.2411, 11.1423, 25.7084
YIQ	75.0190, -72.0730, -9.9050

Conversions

Conversions Part 2

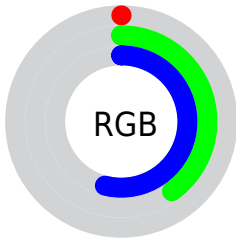
Format	Color
RYB	0, 58, 138
Decimal	25994
CIELab	39.82, -10.69, -27.37
CIELCh	40, 29.386, 248.676
Yxy	11.1423, 0.2005, 0.2417
Android (android.graphics.Color)	4278216074 (0xFF00658A)
YUV	75.0190, 31.0496, -65.7917
Hunter-Lab	33.3801, -8.9984, -22.2973

Details

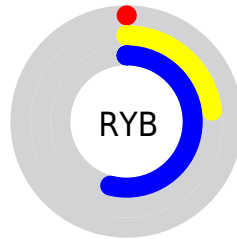
The Hex color **00658A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A2500**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5098C0**, and **003658** is the 20% darker color. If you saturate the color by 10%, you get **00658A**, and if you desaturate by 10%, it is **0E698A**.

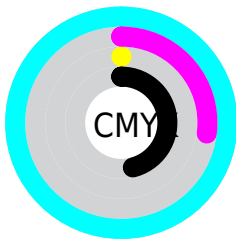
Distribution



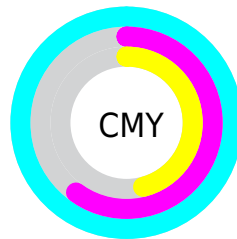
- Red (0%)
- Green (40%)
- Blue (54%)



- Red (0%)
- Yellow (23%)
- Blue (54%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00658A 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 00658A by changing the saturation by 10% instead.

 00658A

 00658A

FFFFFF

 004D70

 5098C0

 003658

 6DB3DC

 002140

 8ACEF8

 00032A

 A7EAF8

 000115

 C3FFFF

 000000

 E1FFFF

 00658A

 0E698A


 1C6C8A

 29708A

 37748A

 45788A

 537B8A

 617F8A

 6E838A

 7C868A

Harmonies

Analogous

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



00697B



00658A



445E8D

Triad

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



00658A



8B4A58



4C6537

Complementary

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



00658A



8A2500

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.



665F2D



00658A



884E41

Square

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



00658A



814D70



7B5631



2C694C

Rectangle

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



00658A



5E5888



7B5631



556333

Sweetspot

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



00658A



7DA4B3



008A25



395159



D9D9D9



595959

Same Dimension

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



00658A



0083B3



00208A



3E4345



006185



000405

Inverse Universe

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



8A0065



B30083



8A6A00



453E43



850061



050004

Previews

White Background



This preview shows how the Hex color 00658A looks on a white background.

Color Contrast Check

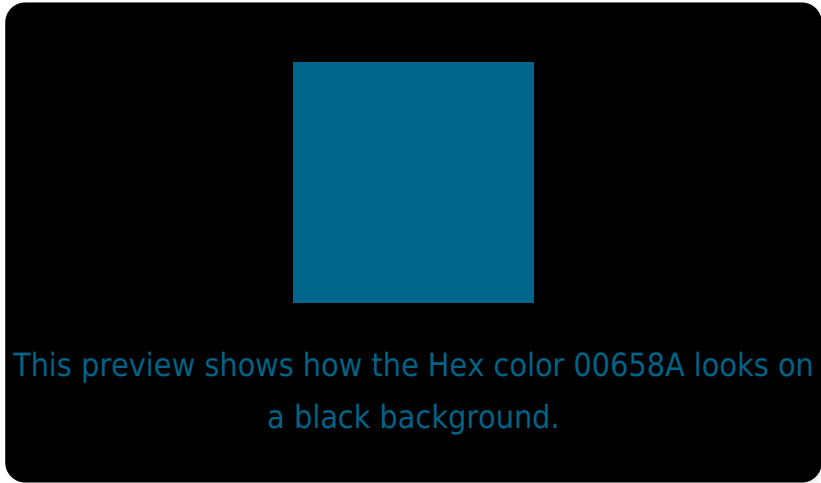
Large Text (above 18pt) WCAG AA ✓ Pass

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

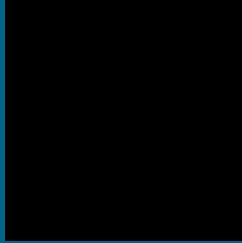
Any Text WCAG AA × Fail

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 00658A Background



This preview shows how black text looks on a background with the Hex color 00658A.

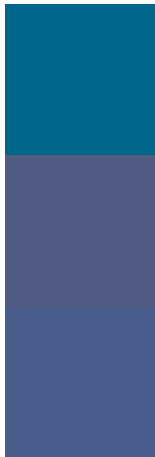


This preview shows how white text looks on a background with the Hex color 00658A.

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



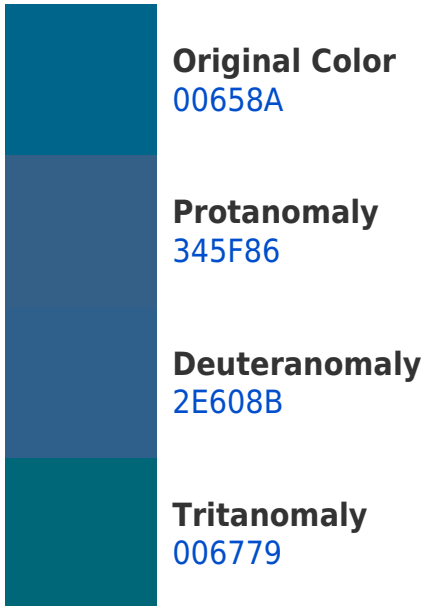
Original Color
00658A

Protanopia
525C83

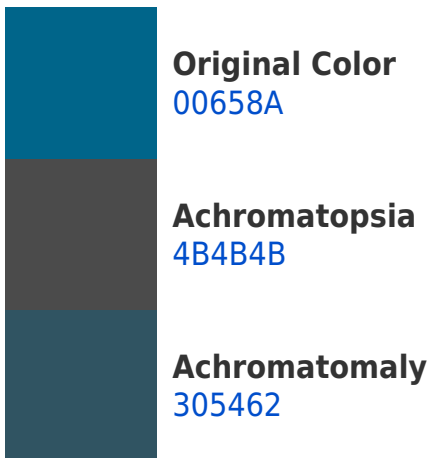
Deuteranopia
495D8C



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00658A 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 #00658A looks like.

```
.text, #text, p{  
    color:#00658A  
}
```

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 #00658A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00658A
}
```

Border

The CSS property to change the border of an element to Hex 00658A 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
#00658A }
```

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

```
.border{ border-color:#00658A }
```

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

Here you see how a box with a 4 pixel #00658A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00658A; -webkit-box-shadow:4px 4px  
4px 4px #00658A; box-shadow:4px 4px 4px  
4px #00658A }
```

Background

The CSS property to change the background color of an element to Hex 00658A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00658A }
```

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

```
.background{ background-color:#00658A }
```

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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