

Converting Colors

Hex(3D758F)

Have a look what the booklet for
Hex(3D758F) contains.

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Color

Hex(3D758F)

Conversions

Conversions Part 1

Format	Color
Hex	3D758F
RGB	61, 117, 143
RGB Percent	24%, 46%, 56%
CMY	0.7608, 0.5412, 0.4392
CMYK	0.57, 0.18, 0.00, 0.44
HSL	199°, 40%, 40%
HSV	199°, 57%, 56%
XYZ	13.2437, 15.6978, 28.3186
YIQ	103.2200, -41.7220, -3.7860

Conversions

Conversions Part 2

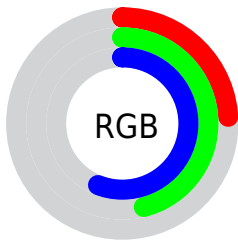
Format	Color
R_{YB}	61, 94, 143
Decimal	4027791
CIE _{Lab}	46.58, -10.51, -19.77
CIE _{LCh}	47, 22.393, 242.016
Yxy	15.6978, 0.2313, 0.2741
Android (android.graphics.Color)	4282217871 (0xFF3D758F)
YUV	103.2200, 19.6115, -37.0269
Hunter-Lab	39.6205, -9.6699, -14.6429

Details


The Hex color **3D758F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F573D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **73A9C5**, and **00455D** is the 20% darker color. If you saturate the color by 10%, you get **2F708F**, and if you desaturate by 10%, it is **4B7A8F**.

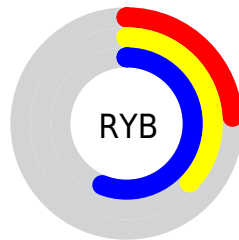
Distribution



 Red (24%)


 Green (46%)

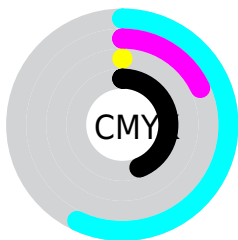
 Blue (56%)





 Red (24%)

 Yellow (37%)

 Blue (56%)

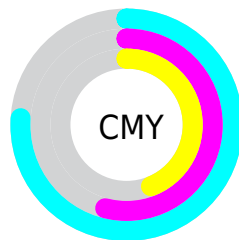


 Cyan (57%)

 Magenta (18%)

 Yellow (0%)

 Black (44%)



 Cyan (76%)

 Magenta (54%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D758F 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 3D758F by changing the saturation by 10% instead.

■ 3D758F

■ 3D758F

FFFFFF

■ 205C75

■ 73A9C5

■ 00455D

■ 8EC4E1

■ 002E45

■ AAE0FE

■ 001A2E

■ C6FDFE

■ 00011A

■ E3FFFF

■ 000000

■ 3D758F

■ 3D758F

■ 2F708F

■ 4B7A8F

■ 206C8F

■ 5A7E8F

12678F

68838F

04638F

76878F

00628F

858C8F

93908F

A1958F

AF998F

BE9E8F

Harmonies

Analogous

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



317882



3D758F



577094

Triad

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



3D758F



92606E



66734E

Complementary

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



3D758F



8F573D

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.



7A6E49



3D758F



93625B

Square

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



3D758F



876380



8A674E



50775C

Rectangle

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



3D758F



6A6B91



8A674E



6D724B

Sweetspot

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



3D758F



9BB0BA



3D8F57



4B585E



DEDEDE



5E5E5E

Same Dimension

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



3D758F



3A91BA



3D4C8F



404547



005C87



000508

Inverse Universe

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



8F3D75



BA3A91



8F803D



474045



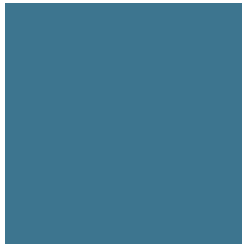
87005C



080005

Previews

White Background



This preview shows how the Hex color 3D758F looks on a white background.

Color Contrast Check

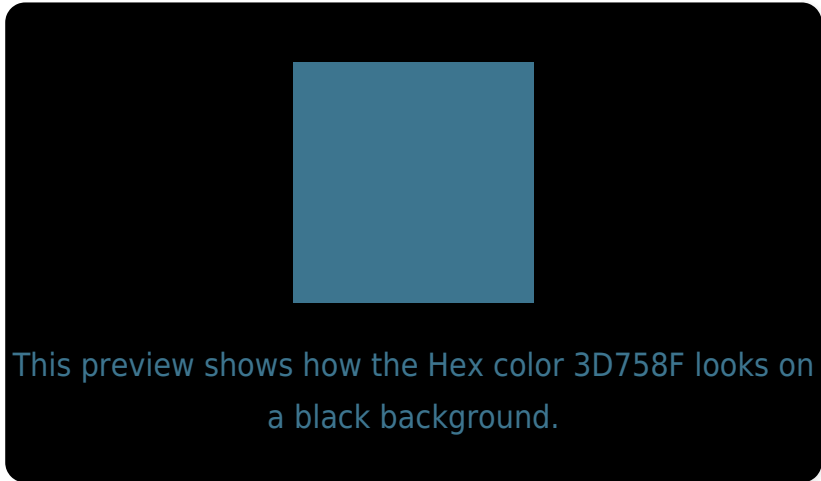
Large Text (above 18pt) WCAG AA ✓ Pass

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

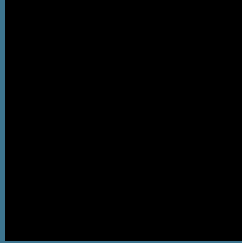
Any Text WCAG AA × Fail

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 3D758F Background



This preview shows how black text looks on a background with the Hex color 3D758F.




This preview shows how white text looks on a background with the Hex color 3D758F.

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](#).

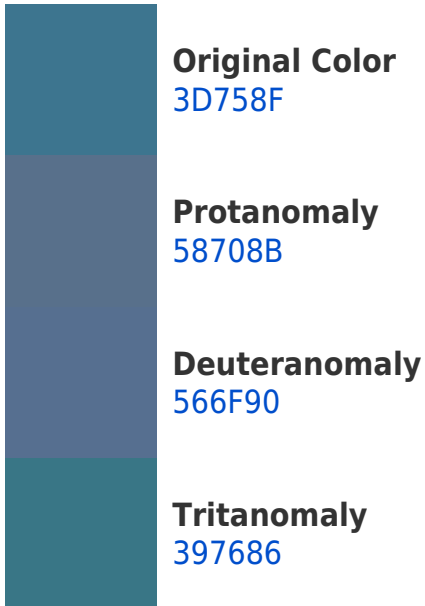
Dichromacy





Tritanopia
377781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D758F 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 #3D758F looks like.

```
.text, #text, p{  
    color:#3D758F  
}
```

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 #3D758F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D758F
}
```

Border

The CSS property to change the border of an element to Hex 3D758F 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
#3D758F }
```

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

```
.border{ border-color:#3D758F }
```

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

Here you see how a box with a 4 pixel #3D758F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D758F; -webkit-box-shadow:4px 4px  
4px 4px #3D758F; box-shadow:4px 4px 4px  
4px #3D758F }
```

Background

The CSS property to change the background color of an element to Hex 3D758F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D758F }
```

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

```
.background{ background-color:#3D758F }
```

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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