

Converting Colors

Hex(3C758B)

Have a look what the booklet for
Hex(3C758B) contains.

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Color

Hex(3C758B)

Conversions

Conversions Part 1

Format	Color
Hex	3C758B
RGB	60, 117, 139
RGB Percent	24%, 46%, 55%
CMY	0.7647, 0.5412, 0.4549
CMYK	0.57, 0.16, 0.00, 0.45
HSL	197°, 40%, 39%
HSV	197°, 57%, 55%
XYZ	12.8850, 15.5473, 26.7479
YIQ	102.4650, -41.0340, -5.2420

Conversions

Conversions Part 2

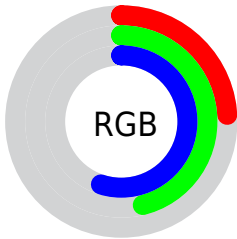
Format	Color
RYB	60, 93, 139
Decimal	3962251
CIELab	46.37, -12.00, -17.72
CIElCh	46, 21.399, 235.878
Yxy	15.5473, 0.2335, 0.2818
Android (android.graphics.Color)	4282152331 (0xFF3C758B)
YUV	102.4650, 18.0118, -37.2418
Hunter-Lab	39.4301, -10.6724, -12.6191

Details

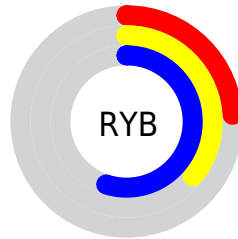
The Hex color **3C758B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B523C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **72A9C1**, and **004559** is the 20% darker color. If you saturate the color by 10%, you get **2E718B**, and if you desaturate by 10%, it is **4A798B**.

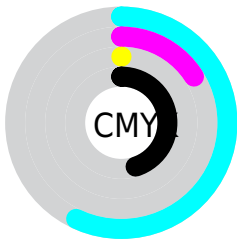
Distribution



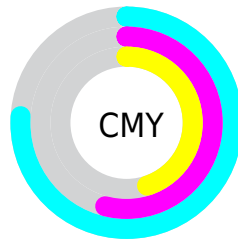
- Red (24%)
- Green (46%)
- Blue (55%)



- Red (24%)
- Yellow (36%)
- Blue (55%)



- Cyan (57%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (76%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C758B 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 3C758B by changing the saturation by 10% instead.



3C758B



3C758B

FFFFFF



1F5C71



72A9C1



004559



8DC4DC



002E41



A9E0F9



001A2B



C5FDFF



000117



E2FFFF



000000



3C758B



3C758B



2E718B



4A798B



206D8B



587D8B

12698B

66818B

04668B

74848B

00648B

82888B

8F8C8B

9D908B

AB948B

B9988B

Harmonies

Analogous

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



35777D



3C758B



537091

Triad

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



3C758B



8F6171



6A724D

Complementary

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



3C758B



8B523C

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.



7D6C4A



3C758B



92615F

Square

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



3C758B



826482



8B6651



567659

Rectangle

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



3C758B



656C90



8B6651



71704B

Sweetspot

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



3C758B



96ACB5



3C8B51



49575C



DBDBDB



5C5C5C

Same Dimension

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



3C758B



3A93B5



3C4E8B



3E4345



006085



000405

Inverse Universe

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



8B3C75



B53A93



8B793C



453E43



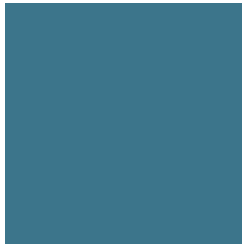
850060



050004

Previews

White Background



This preview shows how the Hex color 3C758B looks on a white background.

Color Contrast Check

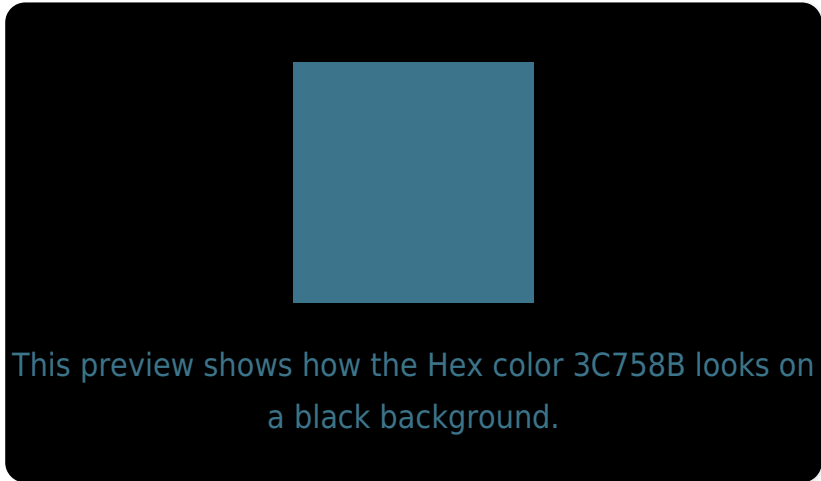
Large Text (above 18pt) WCAG AA ✓ Pass

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

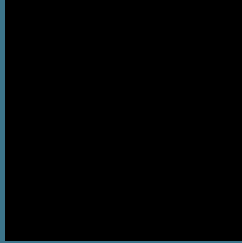
Any Text WCAG AA × Fail

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 3C758B Background



This preview shows how black text looks on a background with the Hex color 3C758B.

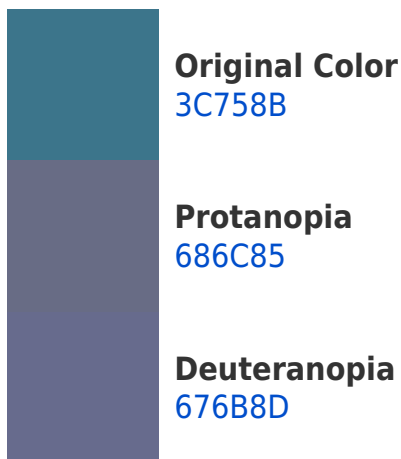


This preview shows how white text looks on a background with the Hex color 3C758B.

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](#).

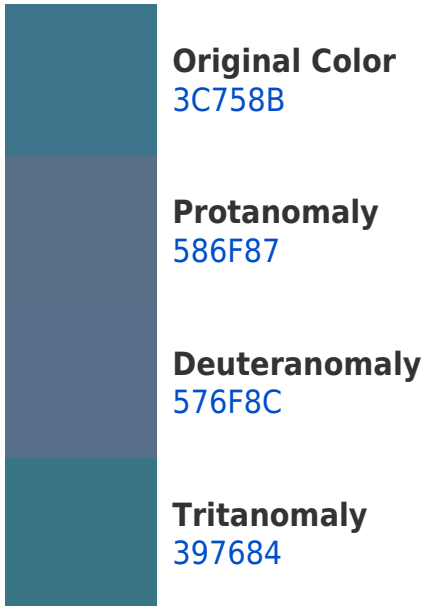
Dichromacy





Tritanopia
387780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C758B 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 #3C758B looks like.

```
.text, #text, p{  
    color:#3C758B  
}
```

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 #3C758B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C758B
}
```

Border

The CSS property to change the border of an element to Hex 3C758B 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
#3C758B }
```

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

```
.border{ border-color:#3C758B }
```

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

Here you see how a box with a 4 pixel #3C758B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C758B; -webkit-box-shadow:4px 4px  
4px 4px #3C758B; box-shadow:4px 4px 4px  
4px #3C758B }
```

Background

The CSS property to change the background color of an element to Hex 3C758B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C758B }
```

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

```
.background{ background-color:#3C758B }
```

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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