

Converting Colors

Hex(40748D)

Have a look what the booklet for
Hex(40748D) contains.

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Color

Hex(40748D)

Conversions

Conversions Part 1

Format	Color
Hex	40748D
RGB	64, 116, 141
RGB Percent	25%, 45%, 55%
CMY	0.7490, 0.5451, 0.4471
CMYK	0.55, 0.18, 0.00, 0.45
HSL	199°, 38%, 40%
HSV	199°, 55%, 55%
XYZ	13.1675, 15.5039, 27.4978
YIQ	103.3020, -39.0170, -3.2490

Conversions

Conversions Part 2

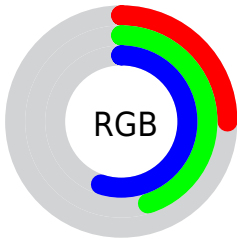
Format	Color
RYB	64, 95, 141
Decimal	4224141
CIELab	46.32, -9.89, -18.98
CIElCh	46, 21.398, 242.472
Yxy	15.5039, 0.2344, 0.2760
Android (android.graphics.Color)	4282414221 (0xFF40748D)
YUV	103.3020, 18.5851, -34.4679
Hunter-Lab	39.3749, -9.2136, -13.8433

Details

The Hex color **40748D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D5940**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75A8C3**, and **00445B** is the 20% darker color. If you saturate the color by 10%, you get **326F8D**, and if you desaturate by 10%, it is **4E798D**.

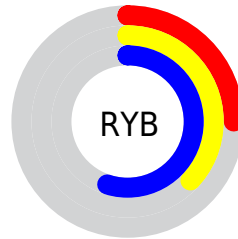
Distribution



Red (25%)

Green (45%)

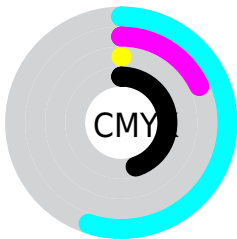
Blue (55%)



Red (25%)

Yellow (37%)

Blue (55%)

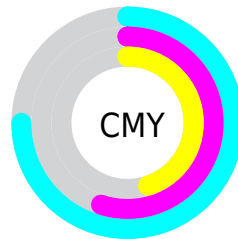


Cyan (55%)

Magenta (18%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40748D 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 40748D by changing the saturation by 10% instead.

■ 40748D

■ 40748D

FFFFFF

■ 245B73

■ 75A8C3

■ 00445B

■ 91C3DF

■ 002E43

■ ACDFFB

■ 001A2D

■ C8FCFF

■ 000118

■ E5FFFF

■ 000000

■ 40748D

■ 40748D

■ 326F8D

■ 4E798D

■ 246B8D

■ 5C7D8D

■ 16668D

■ 6A828D

■ 08628D

■ 78868D

■ 005F8D

■ 878B8D

■ 958F8D

■ A3948D

■ B1998D

■ BF9D8D

Harmonies

Analogous

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



357780



40748D



596F91

Triad

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



40748D



90606D



66724F

Complementary

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



40748D



8D5940

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.



796D4A



40748D



91625B

Square

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



40748D



86637F



88674E



51765D

Rectangle

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



40748D



6A6B8F



88674E



6C714C

Sweetspot

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



40748D



9AAEB8



408D58



4A565C



DBDBDB



5C5C5C

Same Dimension

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



40748D



3E90B8



404E8D



404547



005B87



000508

Inverse Universe

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



8D4074



B83E90



8D7F40



474045



87005B



080005

Previews

White Background



This preview shows how the Hex color 40748D looks on a white background.

Color Contrast Check

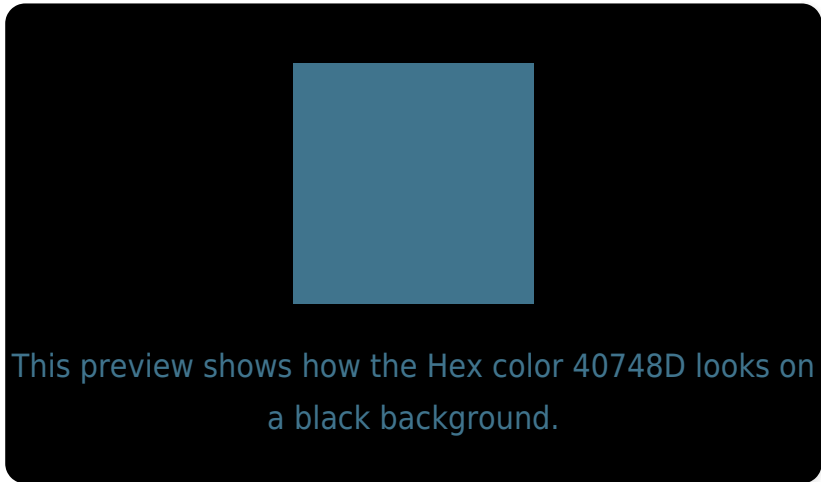
Large Text (above 18pt) WCAG AA ✓ Pass

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

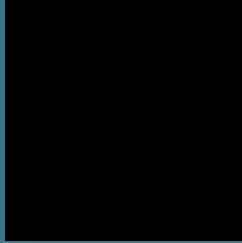
Any Text WCAG AA × Fail

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 40748D Background



This preview shows how black text looks on a background with the Hex color 40748D.

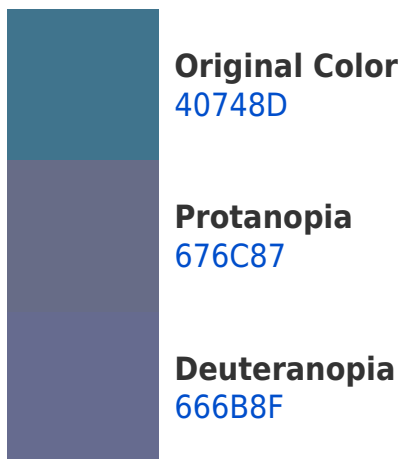


This preview shows how white text looks on a background with the Hex color 40748D.

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](#).

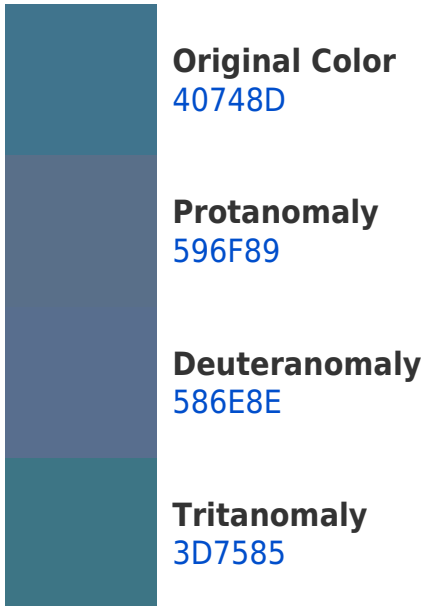
Dichromacy





Tritanopia
3B7680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40748D 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 #40748D looks like.

```
.text, #text, p{  
    color:#40748D  
}
```

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 #40748D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40748D
}
```

Border

The CSS property to change the border of an element to Hex 40748D 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
#40748D }
```

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

```
.border{ border-color:#40748D }
```

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

Here you see how a box with a 4 pixel #40748D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40748D; -webkit-box-shadow:4px 4px  
4px 4px #40748D; box-shadow:4px 4px 4px  
4px #40748D }
```

Background

The CSS property to change the background color of an element to Hex 40748D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40748D }
```

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

```
.background{ background-color:#40748D }
```

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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