

# Converting Colors

Hex(40738A)

Have a look what the booklet for  
Hex(40738A) contains.

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# Color

Hex(40738A)

# Conversions

## Conversions Part 1

Format	Color
Hex	40738A
RGB	64, 115, 138
RGB Percent	25%, 45%, 54%
CMY	0.7490, 0.5490, 0.4588
CMYK	0.54, 0.17, 0.00, 0.46
HSL	199°, 37%, 40%
HSV	199°, 54%, 54%
XYZ	12.8325, 15.1864, 26.2997
YIQ	102.3730, -37.7790, -3.6590

# Conversions

## Conversions Part 2

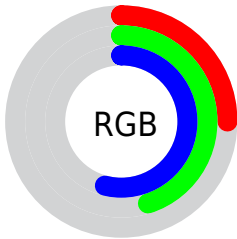
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 94, 138
Decimal	4223882
CIELab	45.89, -10.26, -17.85
CIELCh	46, 20.587, 240.119
Yxy	15.1864, 0.2362, 0.2796
Android (android.graphics.Color)	4282413962 (0xFF40738A)
YUV	102.3730, 17.5641, -33.6531
Hunter-Lab	38.9698, -9.4180, -12.7344

# Details

The Hex color **40738A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A5740**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **75A7BF**, and **004358** is the 20% darker color. If you saturate the color by 10%, you get **326F8A**, and if you desaturate by 10%, it is **4E778A**.

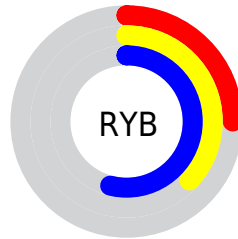
# Distribution



Red (25%)

Green (45%)

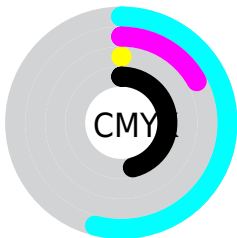
Blue (54%)



Red (25%)

Yellow (37%)

Blue (54%)

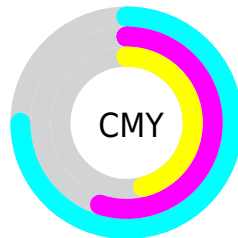


Cyan (54%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (55%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40738A 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 40738A by changing the saturation by 10% instead.



■ 40738A

■ 40738A

FFFFFF

■ 245A71

■ 75A7BF

■ 004358

■ 90C2DB

■ 002D41

■ ACDEF8

■ 00192A

■ C8FBFF

■ 000116

■ E5FFFF

■ 000000

■ 40738A

■ 40738A

■ 326F8A

■ 4E778A

■ 246A8A

■ 5C7C8A

■ 17668A

■ 69808A

■ 09628A

■ 77848A

■ 005F8A

■ 85888A

■ 938D8A

■ A1918A

■ AE958A

■ BC9A8A

# Harmonies

## Analogous

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



37767D



40738A



576E8F

# Triad

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



40738A



8E606D



67714F

# Complementary

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



40738A



8A5740

# 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.



796C4A



40738A



8F615C

# Square

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



40738A



83637E



87664F



53755B

# Rectangle

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



40738A



676A8D



87664F



6D6F4C



# Sweetspot

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



40738A



96AAB3



408A56



485459



D9D9D9



595959



# Same Dimension

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



40738A



408FB3



404F8A



3E4345



005B85



000405



# Inverse Universe

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



8A4073



B3408F



8A7B40



453E43



85005B



050004



# Previews

## White Background



This preview shows how the Hex color 40738A looks on a white background.

## Color Contrast Check

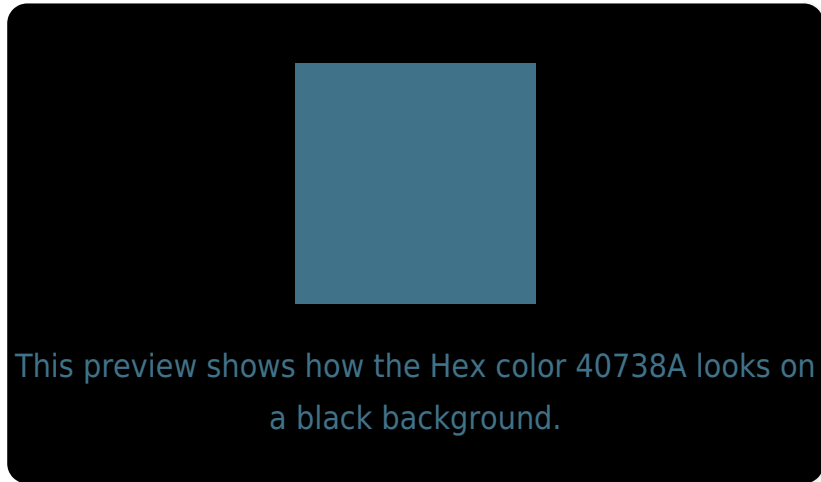
Large Text (above 18pt) WCAG AA ✓ Pass

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 40738A Background



This preview shows how black text looks on a background with the Hex color 40738A.

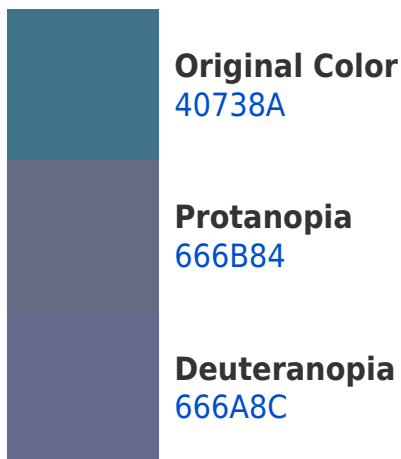


This preview shows how white text looks on a background with the Hex color 40738A.

# 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](#).

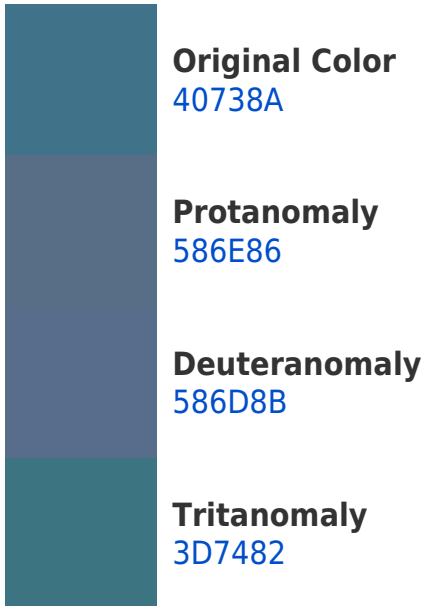
## Dichromacy





**Tritanopia**  
3C757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40738A 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 #40738A looks like.

```
.text, #text, p{  
    color:#40738A  
}
```

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 #40738A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40738A
}
```

## Border

The CSS property to change the border of an element to Hex 40738A 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
#40738A }
```

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

```
.border{ border-color:#40738A }
```

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

Here you see how a box with a 4 pixel #40738A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40738A; -webkit-box-shadow:4px 4px  
4px 4px #40738A; box-shadow:4px 4px 4px  
4px #40738A }
```

# Background

The CSS property to change the background color of an element to Hex 40738A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40738A }
```

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

```
.background{ background-color:#40738A }
```

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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