

# Converting Colors

Hex(3A688C)

Have a look what the booklet for  
Hex(3A688C) contains.

<b>Hex(3A688C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3A688C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A688C
RGB	58, 104, 140
RGB Percent	23%, 41%, 55%
CMY	0.7725, 0.5922, 0.4510
CMYK	0.59, 0.26, 0.00, 0.45
HSL	206°, 41%, 39%
HSV	206°, 59%, 55%
XYZ	11.4289, 12.6936, 26.6587
YIQ	94.3500, -38.9720, 1.4440

# Conversions

## Conversions Part 2

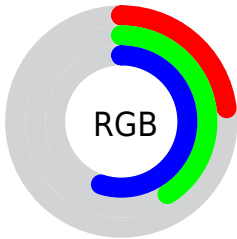
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 87, 140
Decimal	3827852
CIE <sub>Lab</sub>	42.30, -4.50, -24.61
CIE <sub>LCh</sub>	42, 25.013, 259.645
Yxy	12.6936, 0.2251, 0.2500
Android (android.graphics.Color)	4282017932 (0xFF3A688C)
YUV	94.3500, 22.5055, -31.8789
Hunter-Lab	35.6281, -5.0896, -19.4240

# Details

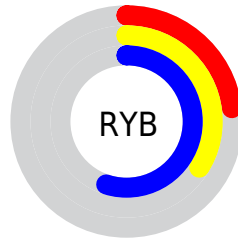
The Hex color **3A688C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C5E3A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **709BC2**, and **00395A** is the 20% darker color. If you saturate the color by 10%, you get **2C628C**, and if you desaturate by 10%, it is **486E8C**.

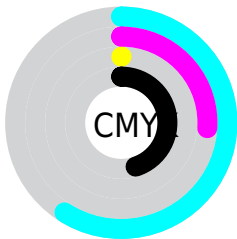
# Distribution



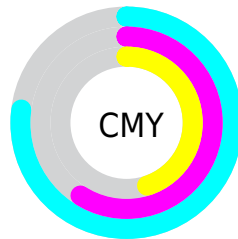
- Red (23%)
- Green (41%)
- Blue (55%)



- Red (23%)
- Yellow (34%)
- Blue (55%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)



- Cyan (77%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A688C 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 3A688C by changing the saturation by 10% instead.



■ 3A688C

■ 3A688C

FFFFFF

■ 1D5072

■ 709BC2

■ 00395A

■ 8BB6DE

■ 002442

■ A6D1FA

■ 000E2C

■ C3EEFF

■ 000117

■ DFFFFF

■ 000000

FDFFFF

■ 3A688C

■ 3A688C

■ 2C628C

■ 486E8C

■ 1E5C8C

■ 56748C

■ 10568C

■ 647A8C

■ 024F8C

■ 72818C

■ 004F8C

■ 80878C

■ 8E8D8C

■ 9C938C

■ AA998C

■ B89F8C

# Harmonies

## Analogous

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



186D83



3A688C



5C618B

# Triad

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



3A688C



8C5457



4C6C48

# Complementary

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



3A688C



8C5E3A

# 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.



64673C



3A688C



865945

# Square

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



3A688C



87556C



78603B



326E5C

# Rectangle

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



3A688C



6F5C84



78603B



546A43



# Sweetspot

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



3A688C



94A7B5



3A8C5E



48535C



DBDBDB



5C5C5C



# Same Dimension

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



3A688C



367DB5



3A3F8C



3E4245



004A85



000305



# Inverse Universe

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



8C3A68



B5367D



8C873A



453E42



85004A



050003



# Previews

## White Background



This preview shows how the Hex color 3A688C looks on a white background.

## Color Contrast Check

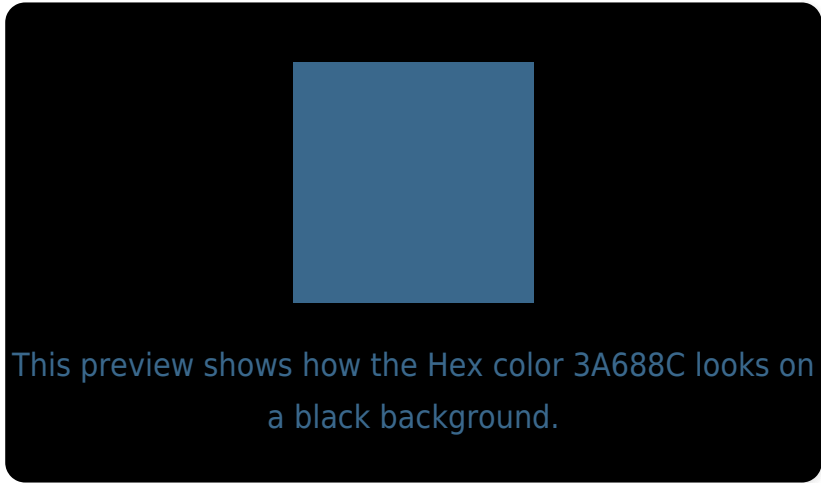
Large Text (above 18pt) WCAG AA ✓ Pass

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

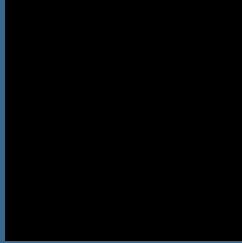
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

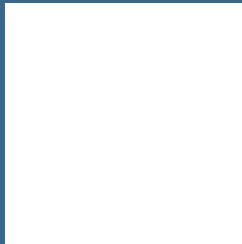
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A688C Background



This preview shows how black text looks on a background with the Hex color 3A688C.



This preview shows how white text looks on a background with the Hex color 3A688C.

# 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](#).

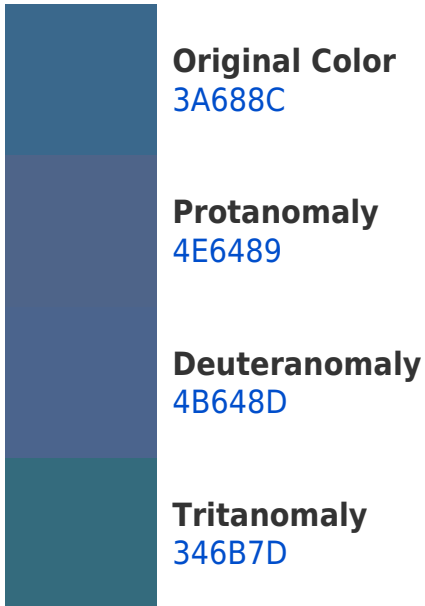
## Dichromacy



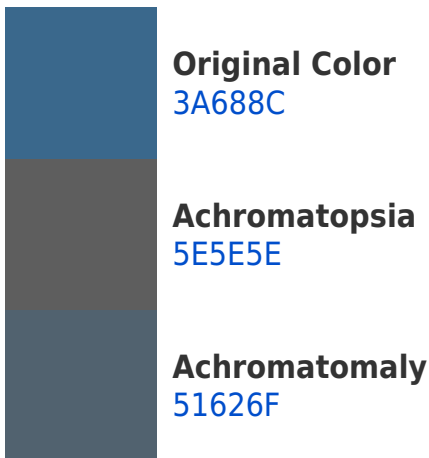


**Tritanopia**  
306C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A688C 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 #3A688C looks like.

```
.text, #text, p{  
    color:#3A688C  
}
```

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 #3A688C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A688C
}
```

## Border

The CSS property to change the border of an element to Hex 3A688C 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
#3A688C }
```

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

```
.border{ border-color:#3A688C }
```

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

Here you see how a box with a 4 pixel #3A688C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A688C; -webkit-box-shadow:4px 4px  
4px 4px #3A688C; box-shadow:4px 4px 4px  
4px #3A688C }
```

# Background

The CSS property to change the background color of an element to Hex 3A688C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A688C }
```

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

```
.background{ background-color:#3A688C }
```

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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