

# Converting Colors

Hex(3C6A8A)

Have a look what the booklet for  
Hex(3C6A8A) contains.

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# Color

Hex(3C6A8A)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6A8A
RGB	60, 106, 138
RGB Percent	24%, 42%, 54%
CMY	0.7647, 0.5843, 0.4588
CMYK	0.57, 0.23, 0.00, 0.46
HSL	205°, 39%, 39%
HSV	205°, 57%, 54%
XYZ	11.6050, 13.1037, 25.9624
YIQ	95.8940, -37.6880, 0.2000

# Conversions

## Conversions Part 2

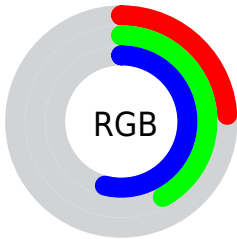
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 89, 138
Decimal	3959434
CIELab	42.92, -5.91, -22.44
CIELCh	43, 23.201, 255.237
Yxy	13.1037, 0.2290, 0.2586
Android (android.graphics.Color)	4282149514 (0xFF3C6A8A)
YUV	95.8940, 20.7583, -31.4790
Hunter-Lab	36.1990, -6.1235, -17.1842

# Details

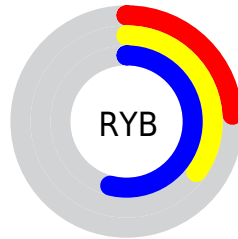
The Hex color **3C6A8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A5C3C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **719DC0**, and **003B58** is the 20% darker color. If you saturate the color by 10%, you get **2E648A**, and if you desaturate by 10%, it is **4A708A**.

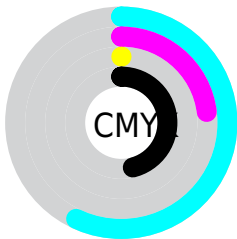
# Distribution



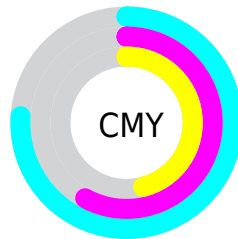
- Red (24%)
- Green (42%)
- Blue (54%)



- Red (24%)
- Yellow (35%)
- Blue (54%)



- Cyan (57%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (76%)
- Magenta (58%)
- Yellow (46%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6A8A 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 3C6A8A by changing the saturation by 10% instead.



■ 3C6A8A

■ 3C6A8A

FFFFFF

■ 205270

■ 719DC0

■ 003B58

■ 8CB8DB

■ 002540

■ A8D4F8

■ 00112A

■ C4F0FF

■ 000115

■ E1FFFF

■ 000000

FEFFFF

■ 3C6A8A

■ 3C6A8A

■ 2E648A

■ 4A708A

■ 205F8A

■ 58758A

■ 13598A

■ 657B8A

■ 05538A

■ 73818A

■ 00518A

■ 81868A

■ 8F8C8A

■ 9D928A

■ AA978A

■ B89D8A

# Harmonies

## Analogous

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



246E80



3C6A8A



5A648A

# Triad

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



3C6A8A



8B575C



536C4A

# Complementary

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



3C6A8A



8A5C3C

# 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.



696740



3C6A8A



875B4B

# Square

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



3C6A8A



855870



7B6140



3C6F5B

# Rectangle

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



3C6A8A



6C5F85



7B6140



5A6B45



# Sweetspot

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



3C6A8A



94A6B3



3C8A5B



475259



D9D9D9



595959



# Same Dimension

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



3C6A8A



3981B3



3C448A



3E4245



004E85



000305



# Inverse Universe

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



8A3C6A



B33981



8A823C



453E42



85004E



050003



# Previews

## White Background



This preview shows how the Hex color 3C6A8A looks on a white background.

### Color Contrast Check

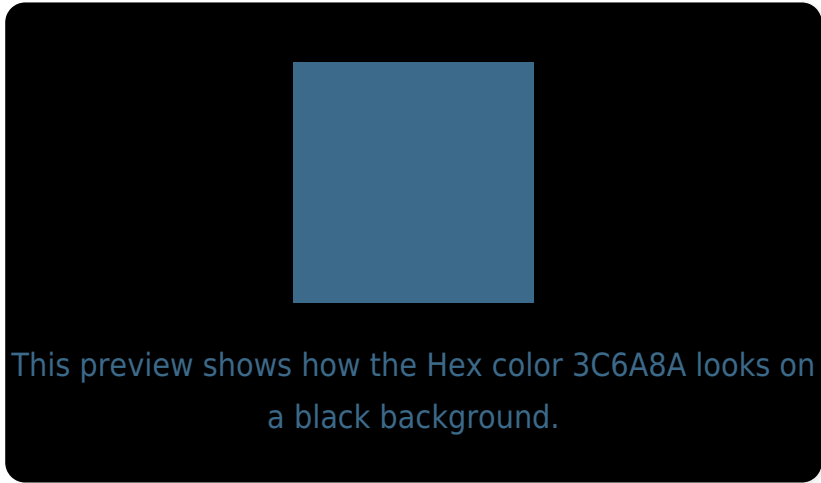
Large Text (above 18pt) WCAG AA ✓ Pass

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

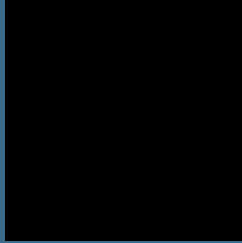
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

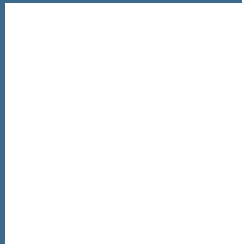
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C6A8A Background



This preview shows how black text looks on a background with the Hex color 3C6A8A.



This preview shows how white text looks on a background with the Hex color 3C6A8A.

# 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](#).

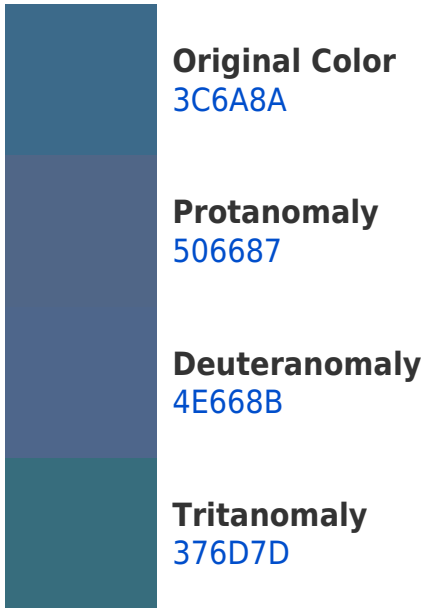
## Dichromacy



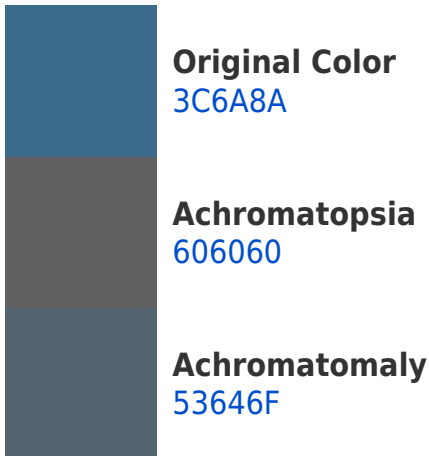


**Tritanopia**  
346E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6A8A 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 #3C6A8A looks like.

```
.text, #text, p{  
    color:#3C6A8A  
}
```

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 #3C6A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6A8A
}
```

## Border

The CSS property to change the border of an element to Hex 3C6A8A 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
#3C6A8A }
```

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

```
.border{ border-color:#3C6A8A }
```

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

Here you see how a box with a 4 pixel #3C6A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6A8A; -webkit-box-shadow:4px 4px  
4px 4px #3C6A8A; box-shadow:4px 4px 4px  
4px #3C6A8A }
```

# Background

The CSS property to change the background color of an element to Hex 3C6A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6A8A }
```

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

```
.background{ background-color:#3C6A8A }
```

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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