

Converting Colors

Hex(3C6B8B)

Have a look what the booklet for
Hex(3C6B8B) contains.

Hex(3C6B8B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C6B8B)

Conversions

Conversions Part 1

Format	Color
Hex	3C6B8B
RGB	60, 107, 139
RGB Percent	24%, 42%, 55%
CMY	0.7647, 0.5804, 0.4549
CMYK	0.57, 0.23, 0.00, 0.45
HSL	204°, 40%, 39%
HSV	204°, 57%, 55%
XYZ	11.7814, 13.3401, 26.3801
YIQ	96.5950, -38.2840, -0.0120

Conversions

Conversions Part 2

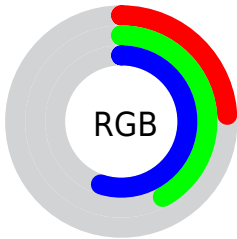
Format	Color
RYB	60, 89, 139
Decimal	3959691
CIELab	43.27, -6.18, -22.49
CIElCh	43, 23.323, 254.635
Yxy	13.3401, 0.2288, 0.2590
Android (android.graphics.Color)	4282149771 (0xFF3C6B8B)
YUV	96.5950, 20.9057, -32.0938
Hunter-Lab	36.5241, -6.3396, -17.2561

Details

The Hex color **3C6B8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B5C3C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **719EC1**, and **003C59** is the 20% darker color. If you saturate the color by 10%, you get **2E658B**, and if you desaturate by 10%, it is **4A718B**.

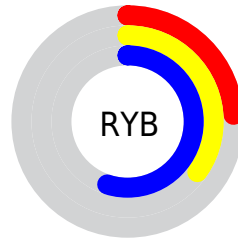
Distribution



Red (24%)

Green (42%)

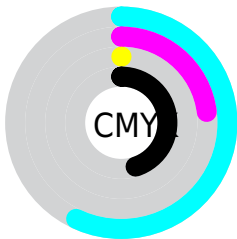
Blue (55%)



Red (24%)

Yellow (35%)

Blue (55%)

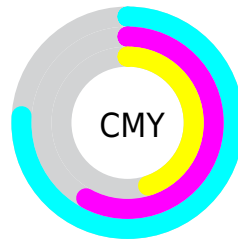


Cyan (57%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (76%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6B8B 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 3C6B8B by changing the saturation by 10% instead.



3C6B8B



3C6B8B

FFFFFF



1F5371



719EC1



003C59



8CB9DD



002641



A8D5F9



00122B



C4F1FF



000116



E1FFFF



000000

FEFFFF



3C6B8B



3C6B8B



2E658B



4A718B

■ 20608B

■ 58768B

■ 125A8B

■ 667C8B

■ 04548B

■ 74828B

■ 00538B

■ 82878B

■ 8F8D8B

■ 9D928B

■ AB988B

■ B99E8B

Harmonies

Analogous

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



246F81



3C6B8B



5A658B

Triad

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



3C6B8B



8C585D



546D4A

Complementary

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



3C6B8B



8B5C3C

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.



6A6840



3C6B8B



895B4C

Square

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



3C6B8B



865971



7C6241



3D705B

Rectangle

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



3C6B8B



6D6086



7C6241



5C6C46

Sweetspot

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



3C6B8B



96A9B5



3C8B5C



49545C



DBDBDB



5C5C5C

Same Dimension

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



3C6B8B



3A83B5



3C448B



3E4245



004F85



000305

Inverse Universe

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



8B3C6B



B53A83



8B833C



453E42



85004F



050003

Previews

White Background



This preview shows how the Hex color 3C6B8B looks on a white background.

Color Contrast Check

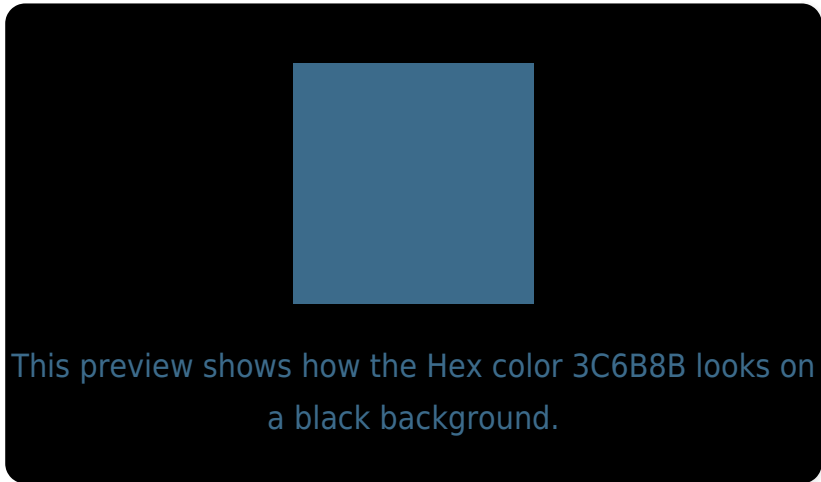
Large Text (above 18pt) WCAG AA ✓ Pass

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

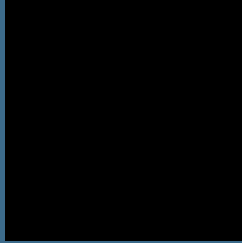
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

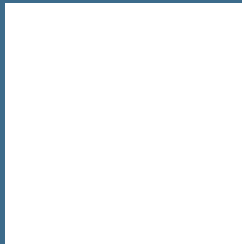
Any Text WCAG AAA × Fail

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

Hex 3C6B8B Background



This preview shows how black text looks on a background with the Hex color 3C6B8B.

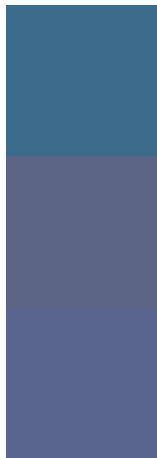


This preview shows how white text looks on a background with the Hex color 3C6B8B.

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



Original Color
3C6B8B

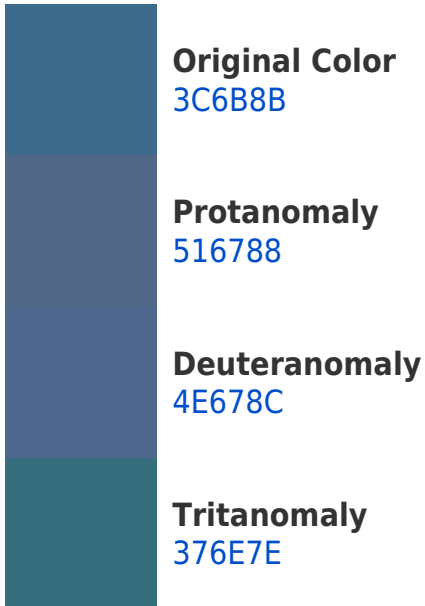
Protanopia
5D6586

Deuteranopia
59658C

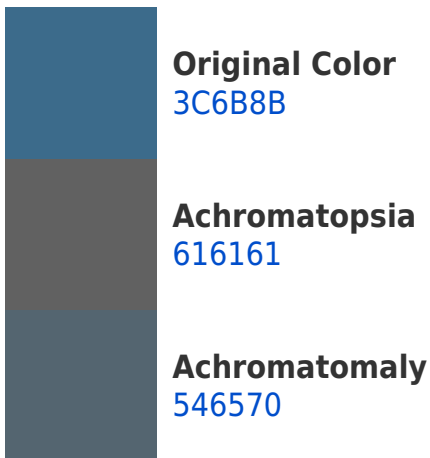


Tritanopia
346F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6B8B 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 #3C6B8B looks like.

```
.text, #text, p{  
    color:#3C6B8B  
}
```

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 #3C6B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6B8B
}
```

Border

The CSS property to change the border of an element to Hex 3C6B8B 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
#3C6B8B }
```

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

```
.border{ border-color:#3C6B8B }
```

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

Here you see how a box with a 4 pixel #3C6B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6B8B; -webkit-box-shadow:4px 4px  
4px 4px #3C6B8B; box-shadow:4px 4px 4px  
4px #3C6B8B }
```

Background

The CSS property to change the background color of an element to Hex 3C6B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6B8B }
```

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

```
.background{ background-color:#3C6B8B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor