

Converting Colors

Hex(3B6A8A)

Have a look what the booklet for
Hex(3B6A8A) contains.

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Color

Hex(3B6A8A)

Conversions

Conversions Part 1

Format	Color
Hex	3B6A8A
RGB	59, 106, 138
RGB Percent	23%, 42%, 54%
CMY	0.7686, 0.5843, 0.4588
CMYK	0.57, 0.23, 0.00, 0.46
HSL	204°, 40%, 39%
HSV	204°, 57%, 54%
XYZ	11.5451, 13.0729, 25.9596
YIQ	95.5950, -38.2840, -0.0120

Conversions

Conversions Part 2

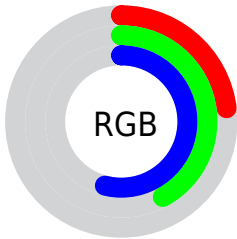
Format	Color
R _Y B	59, 88, 138
Decimal	3893898
CIE Lab	42.87, -6.14, -22.51
CIE LCh	43, 23.333, 254.744
Yxy	13.0729, 0.2283, 0.2585
Android (android.graphics.Color)	4282083978 (0xFF3B6A8A)
YUV	95.5950, 20.9057, -32.0938
Hunter-Lab	36.1564, -6.2768, -17.2596

Details

The Hex color **3B6A8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A5B3B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **709DC0**, and **003B58** is the 20% darker color. If you saturate the color by 10%, you get **2D648A**, and if you desaturate by 10%, it is **49708A**.

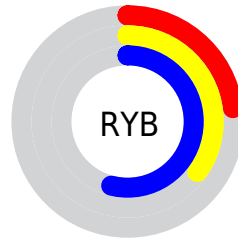
Distribution



Red (23%)

Green (42%)

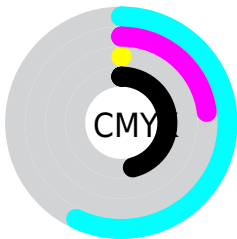
Blue (54%)



Red (23%)

Yellow (35%)

Blue (54%)

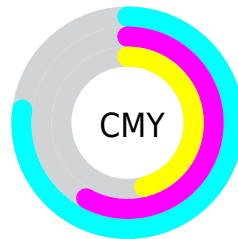


Cyan (57%)

Magenta (23%)

Yellow (0%)

Black (46%)



Cyan (77%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6A8A 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 3B6A8A by changing the saturation by 10% instead.



3B6A8A



3B6A8A

FFFFFF



1E5270



709DC0



003B58



8BB8DB



002540



A7D4F8



00112A



C3F0FF



000115



E0FFFF



000000

FDFFFF



3B6A8A



3B6A8A



2D648A



49708A

■ 1F5F8A

■ 57758A

■ 12598A

■ 647B8A

■ 04548A

■ 72808A

■ 00528A

■ 80868A

■ 8E8C8A

■ 9C918A

■ A9978A

■ B79C8A

Harmonies

Analogous

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



236E80



3B6A8A



59648A

Triad

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



3B6A8A



8B575C



536C49

Complementary

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



3B6A8A



8A5B3B

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



3B6A8A



875A4B

Square

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



3B6A8A



855870



7B6140



3C6F5A

Rectangle

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



3B6A8A



6C5F85



7B6140



5B6B45

Sweetspot

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



3B6A8A



94A6B3



3B8A5B



475259



D9D9D9



595959

Same Dimension

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



3B6A8A



3781B3



3B438A



3E4245



004F85



000305

Inverse Universe

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



8A3B6A



B33781



8A823B



453E42



85004F



050003

Previews

White Background



This preview shows how the Hex color 3B6A8A looks on a white background.

Color Contrast Check

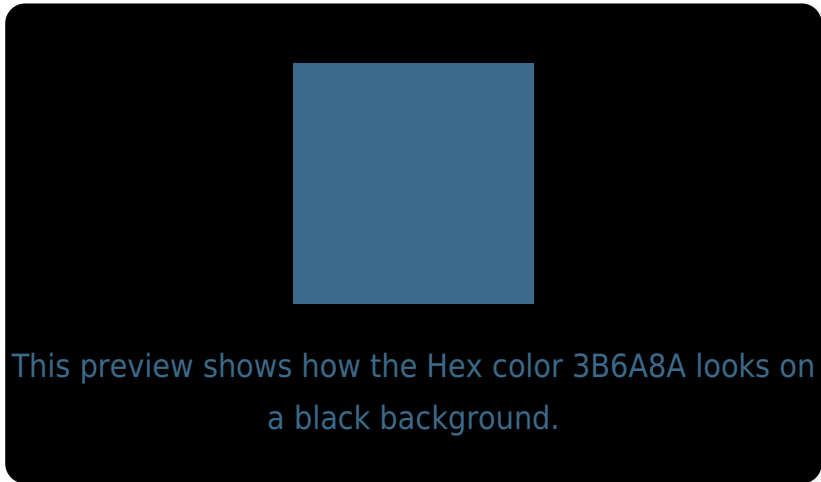
Large Text (above 18pt) WCAG AA ✓ Pass

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

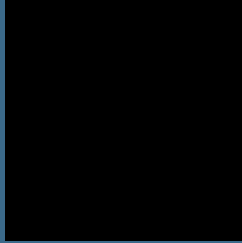
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

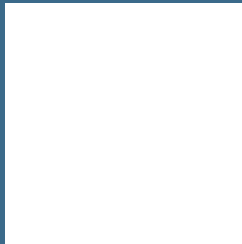
Any Text WCAG AAA × Fail

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

Hex 3B6A8A Background



This preview shows how black text looks on a background with the Hex color 3B6A8A.

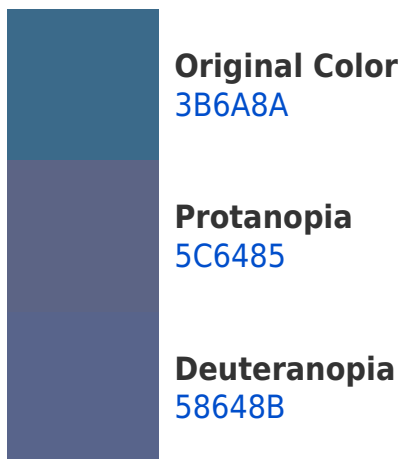


This preview shows how white text looks on a background with the Hex color 3B6A8A.

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](#).

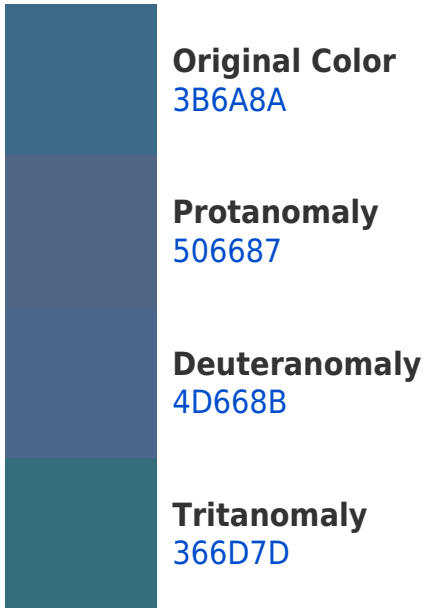
Dichromacy



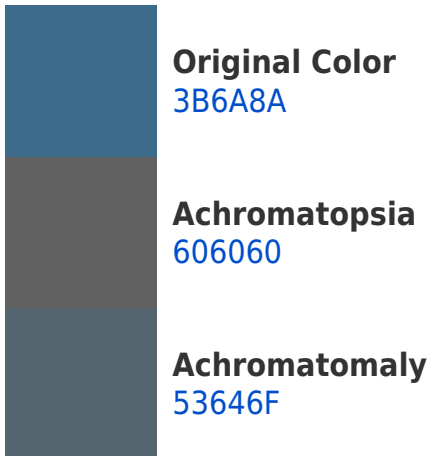


Tritanopia
336E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6A8A 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 #3B6A8A looks like.

```
.text, #text, p{  
    color:#3B6A8A  
}
```

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 #3B6A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6A8A
}
```

Border

The CSS property to change the border of an element to Hex 3B6A8A 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
#3B6A8A }
```

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

```
.border{ border-color:#3B6A8A }
```

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

Here you see how a box with a 4 pixel #3B6A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6A8A; -webkit-box-shadow:4px 4px  
4px 4px #3B6A8A; box-shadow:4px 4px 4px  
4px #3B6A8A }
```

Background

The CSS property to change the background color of an element to Hex 3B6A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6A8A }
```

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

```
.background{ background-color:#3B6A8A }
```

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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