

Converting Colors

Hex(3B6785)

Have a look what the booklet for
Hex(3B6785) contains.

Hex(3B6785)	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(3B6785)

Conversions

Conversions Part 1

Format	Color
Hex	3B6785
RGB	59, 103, 133
RGB Percent	23%, 40%, 52%
CMY	0.7686, 0.5961, 0.4784
CMYK	0.56, 0.23, 0.00, 0.48
HSL	204°, 39%, 38%
HSV	204°, 56%, 52%
XYZ	10.8875, 12.3238, 23.9952
YIQ	93.2640, -35.8540, 0.0020

Conversions

Conversions Part 2

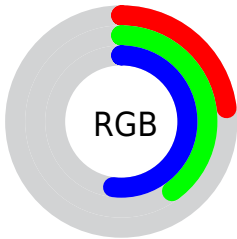
Format	Color
RYB	59, 87, 133
Decimal	3893125
CIELab	41.73, -5.99, -21.28
CIElCh	42, 22.104, 254.275
Yxy	12.3238, 0.2306, 0.2611
Android (android.graphics.Color)	4282083205 (0xFF3B6785)
YUV	93.2640, 19.5898, -30.0495
Hunter-Lab	35.1052, -6.0742, -15.9524

Details

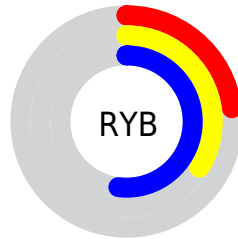
The Hex color **3B6785** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85593B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **709ABA**, and **003853** is the 20% darker color. If you saturate the color by 10%, you get **2E6285**, and if you desaturate by 10%, it is **486C85**.

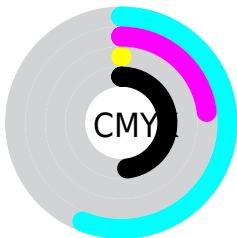
Distribution



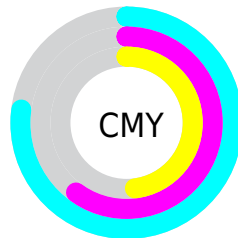
- Red (23%)
- Green (40%)
- Blue (52%)



- Red (23%)
- Yellow (34%)
- Blue (52%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (77%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6785 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 3B6785 by changing the saturation by 10% instead.



3B6785



3B6785

FFFFFF



1F4F6C



709ABA



003853



8BB5D6



00233C



A6D0F2



000D26



C2EDFF



000110



DFFFFFF



000000



FCFFFF



3B6785



3B6785



2E6285



486C85

■ 205C85

■ 567285

■ 135785

■ 637785

■ 065185

■ 707D85

■ 004F85

■ 7E8285

■ 8B8785

■ 988D85

■ A59285

■ B39885

Harmonies

Analogous

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



266B7B



3B6785



576185

Triad

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



3B6785



87555A



526948

Complementary

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



3B6785



85593B

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.



66643F



3B6785



83584A

Square

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



3B6785



80566D



775E40



3C6C58

Rectangle

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



3B6785



685D80



775E40



596744

Sweetspot

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



3B6785



90A1AD



3B8559



455057



D6D6D6



575757

Same Dimension

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



3B6785



397EAD



3B4285



3C4042



004D82



000203

Inverse Universe

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



853B67



AD397E



857E3B



423C40



82004D



030002

Previews

White Background



This preview shows how the Hex color 3B6785 looks on a white background.

Color Contrast Check

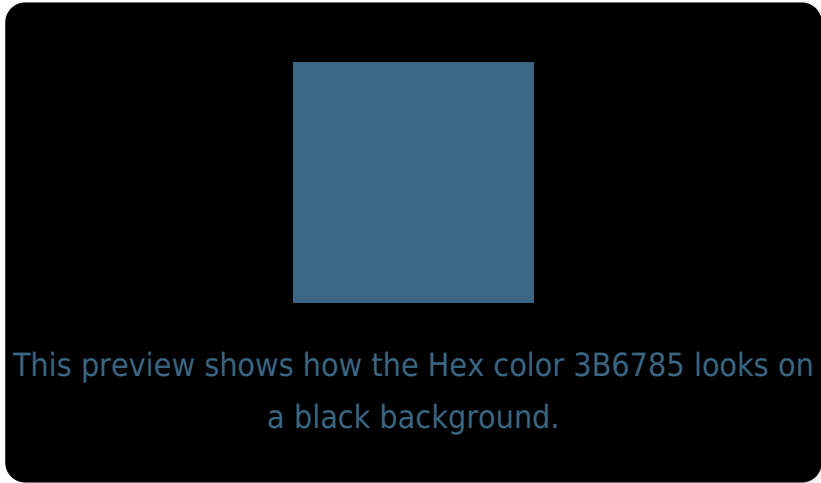
Large Text (above 18pt) WCAG AA ✓ Pass

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

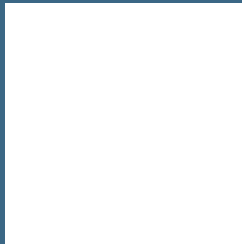
Any Text WCAG AAA × Fail

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

Hex 3B6785 Background



This preview shows how black text looks on a background with the Hex color 3B6785.

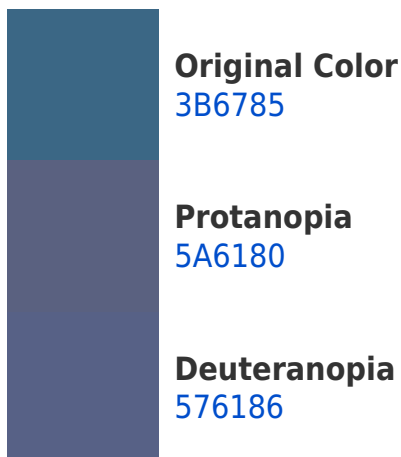



This preview shows how white text looks on a background with the Hex color 3B6785.

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](#).

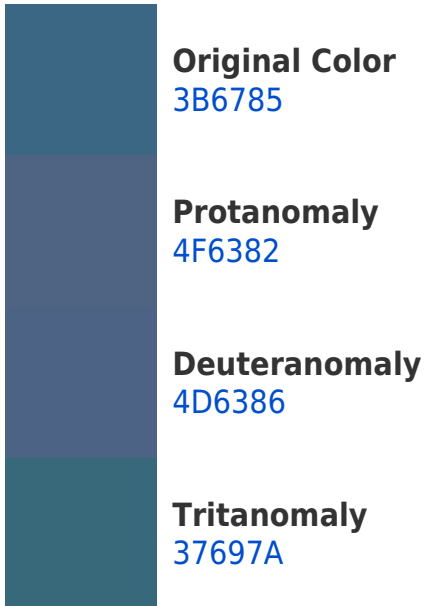
Dichromacy



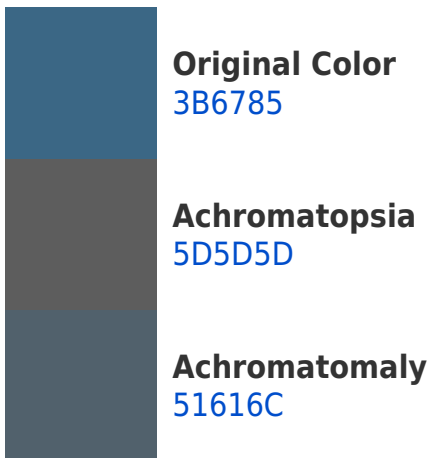


Tritanopia
346A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6785 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 #3B6785 looks like.

```
.text, #text, p{  
    color:#3B6785  
}
```

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 #3B6785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6785
}
```

Border

The CSS property to change the border of an element to Hex 3B6785 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
#3B6785 }
```

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

```
.border{ border-color:#3B6785 }
```

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

Here you see how a box with a 4 pixel #3B6785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6785; -webkit-box-shadow:4px 4px  
4px 4px #3B6785; box-shadow:4px 4px 4px  
4px #3B6785 }
```

Background

The CSS property to change the background color of an element to Hex 3B6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6785 }
```

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

```
.background{ background-color:#3B6785 }
```

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