

Converting Colors

Hex(3B6F87)

Have a look what the booklet for
Hex(3B6F87) contains.

| | |
|--|----|
| Hex(3B6F87) | 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(3B6F87)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3B6F87 |
| RGB | 59, 111, 135 |
| RGB Percent | 23%, 44%, 53% |
| CMY | 0.7686, 0.5647, 0.4706 |
| CMYK | 0.56, 0.18, 0.00, 0.47 |
| HSL | 199°, 39%, 38% |
| HSV | 199°, 56%, 53% |
| XYZ | 11.8612, 14.0480, 25.0080 |
| YIQ | 98.1880, -38.6960, -3.5600 |

Conversions

Conversions Part 2

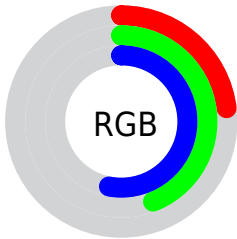
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 59, 90, 135 |
| Decimal | 3895175 |
| CIELab | 44.30, -10.06, -18.51 |
| CIELCh | 44, 21.069, 241.484 |
| Yxy | 14.0480, 0.2330, 0.2759 |
| Android (android.graphics.Color) | 4282085255 (0xFF3B6F87) |
| YUV | 98.1880, 18.1483, -34.3679 |
| Hunter-Lab | 37.4806, -9.1023, -13.3234 |

Details

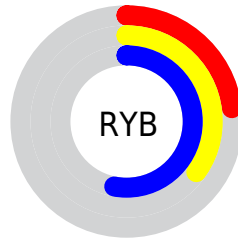
The Hex color **3B6F87** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87533B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **70A3BC**, and **003F55** is the 20% darker color. If you saturate the color by 10%, you get **2D6B87**, and if you desaturate by 10%, it is **497387**.

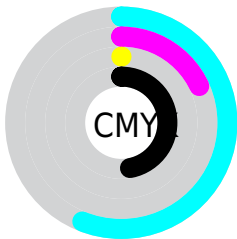
Distribution



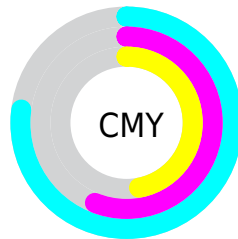
- Red (23%)
- Green (44%)
- Blue (53%)



- Red (23%)
- Yellow (35%)
- Blue (53%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (77%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6F87 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 3B6F87 by changing the saturation by 10% instead.



3B6F87



3B6F87

FFFFFF



1F576E



70A3BC



003F55



8BBED8



00293E



A7DAF5



001628



C3F6FF



000113



E0FFFF



000000

FDFFFF



3B6F87



3B6F87



2D6B87



497387

■ 206687

■ 567887

■ 126287

■ 647C87

■ 055E87

■ 718087

■ 005C87

■ 7F8487

■ 8C8987

■ 9A8D87

■ A79187

■ B59587

Harmonies

Analogous

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



30727A



3B6F87



536A8B

Triad

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



3B6F87



8A5C69



626D4A

Complementary

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



3B6F87



87533B

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.



746846



3B6F87



8B5D57

Square

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



3B6F87



805E7A



83624B



4D7158

Rectangle

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



3B6F87



646689



83624B



686C48

Sweetspot

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



3B6F87



92A7B0



3B8752



475459



D9D9D9



595959

Same Dimension

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



3B6F87



388AB0



3B4A87



3C4042



005982



000203

Inverse Universe

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



873B6F



B0388A



87783B



423C40



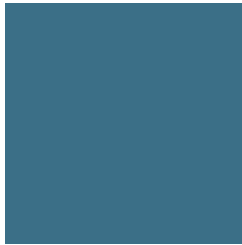
820059



030002

Previews

White Background



This preview shows how the Hex color 3B6F87 looks on a white background.

Color Contrast Check

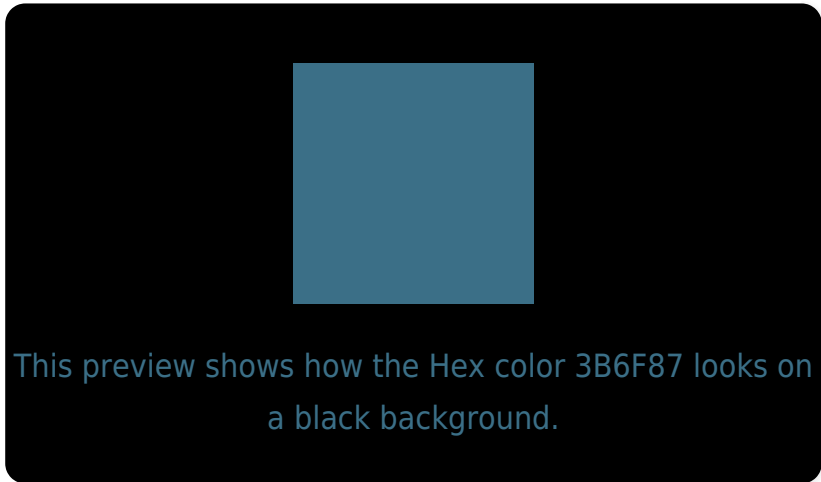
Large Text (above 18pt) WCAG AA ✓ Pass

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

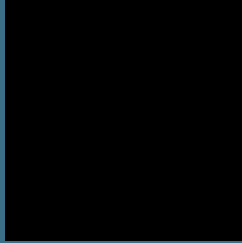
Any Text WCAG AA × Fail

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 3B6F87 Background



This preview shows how black text looks on a background with the Hex color 3B6F87.

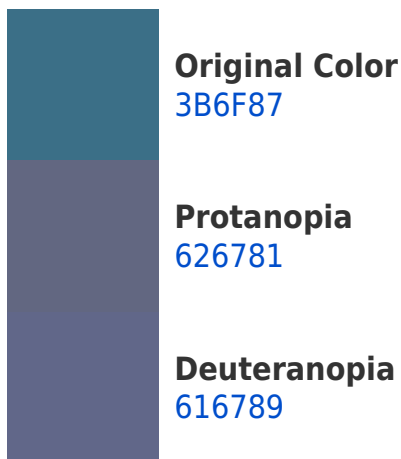


This preview shows how white text looks on a background with the Hex color 3B6F87.

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](#).

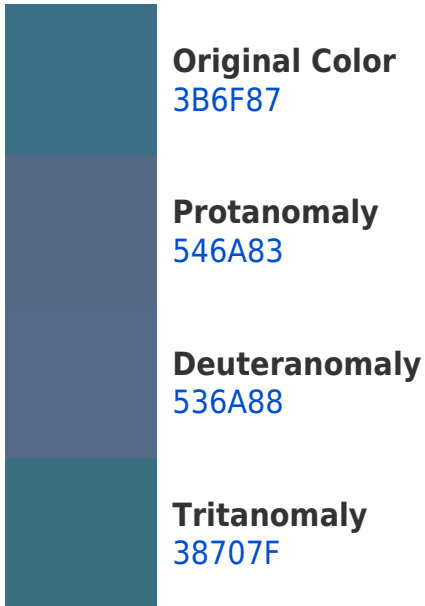
Dichromacy



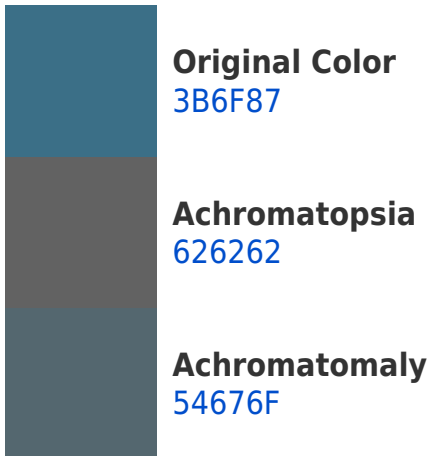


Tritanopia
36717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6F87 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 #3B6F87 looks like.

```
.text, #text, p{  
  color:#3B6F87  
}
```

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 #3B6F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6F87
}
```

Border

The CSS property to change the border of an element to Hex 3B6F87 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
#3B6F87 }
```

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

```
.border{ border-color:#3B6F87 }
```

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

Here you see how a box with a 4 pixel #3B6F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6F87; -webkit-box-shadow:4px 4px  
4px 4px #3B6F87; box-shadow:4px 4px 4px  
4px #3B6F87 }
```

Background

The CSS property to change the background color of an element to Hex 3B6F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6F87 }
```

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

```
.background{ background-color:#3B6F87 }
```

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