

Converting Colors

Hex(3B767D)

Have a look what the booklet for
Hex(3B767D) contains.

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Color

Hex(3B767D)

Conversions

Conversions Part 1

Format	Color
Hex	3B767D
RGB	59, 118, 125
RGB Percent	23%, 46%, 49%
CMY	0.7686, 0.5373, 0.5098
CMYK	0.53, 0.06, 0.00, 0.51
HSL	186°, 36%, 36%
HSV	186°, 53%, 49%
XYZ	11.9837, 15.3673, 21.7366
YIQ	101.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

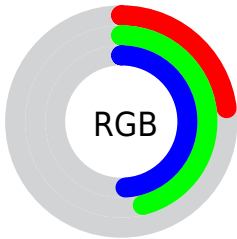
Format	Color
RYB	59, 90, 125
Decimal	3896957
CIELab	46.13, -17.10, -9.76
CIELCh	46, 19.688, 209.728
Yxy	15.3673, 0.2441, 0.3131
Android (android.graphics.Color)	4282087037 (0xFF3B767D)
YUV	101.1570, 11.7546, -36.9717
Hunter-Lab	39.2012, -14.0350, -5.4348

Details

The Hex color **3B767D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D423B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **70AAB2**, and **00454C** is the 20% darker color. If you saturate the color by 10%, you get **2F757D**, and if you desaturate by 10%, it is **48777D**.

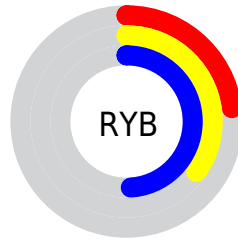
Distribution



Red (23%)

Green (46%)

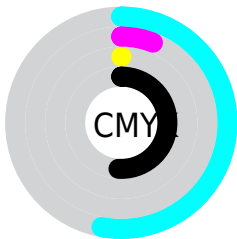
Blue (49%)



Red (23%)

Yellow (35%)

Blue (49%)

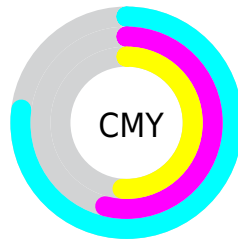


Cyan (53%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B767D 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 3B767D by changing the saturation by 10% instead.

■ 3B767D

■ 3B767D

FFFFFF

■ 1F5D64

■ 70AAB2

■ 00454C

■ 8BC6CD

■ 002F35

■ A6E2E9

■ 001B20

■ C2FEFF

■ 000008

■ DFFFFF

■ 000000

■ FFFFFFFF

■ 3B767D

■ 3B767D

■ 2F757D

■ 48777D

■ 22737D

■ 54797D

■ 16727D

■ 617A7D

■ 09717D

■ 6D7B7D

■ 00707D

■ 7A7D7D

■ 867E7D

■ 937F7D

■ 9F817D

■ AC827D

Harmonies

Analogous

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



44766D



3B767D



437389

Triad

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



3B767D



82647E



796C4C

Complementary

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



3B767D



7D423B

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.



876751



3B767D



8D616E

Square

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



3B767D



70698A



8E625E



687150

Rectangle

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



3B767D



51718D



8E625E



7E6A4D

Sweetspot

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



3B767D



89A0A3



3B7D42



425052



D1D1D1



525252

Same Dimension

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



3B767D



3C98A3



3B557D



393F40



007280



000000

Inverse Universe

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



7D3B76



A33C98



7D633B



40393F



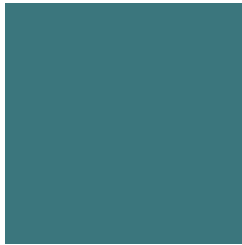
800072



000000

Previews

White Background



This preview shows how the Hex color 3B767D looks on a white background.

Color Contrast Check

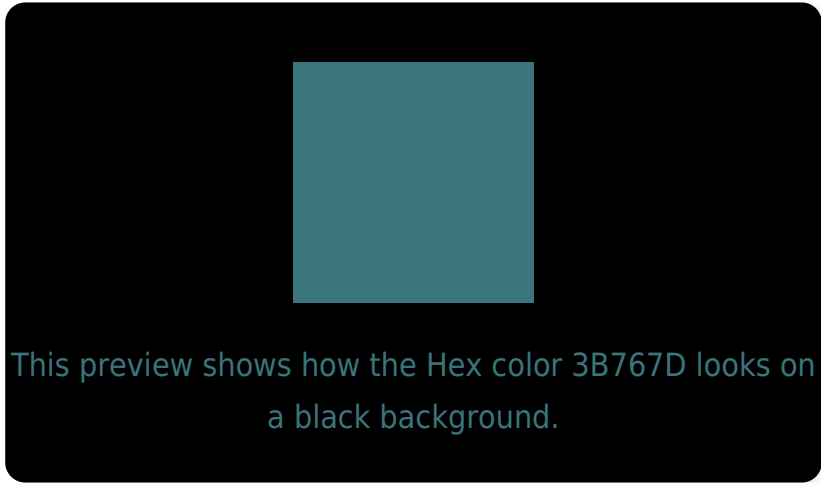
Large Text (above 18pt) WCAG AA ✓ Pass

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

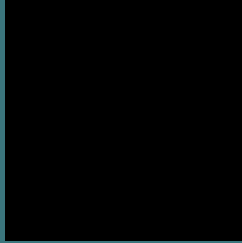
Any Text WCAG AA × Fail

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 3B767D Background



This preview shows how black text looks on a background with the Hex color 3B767D.

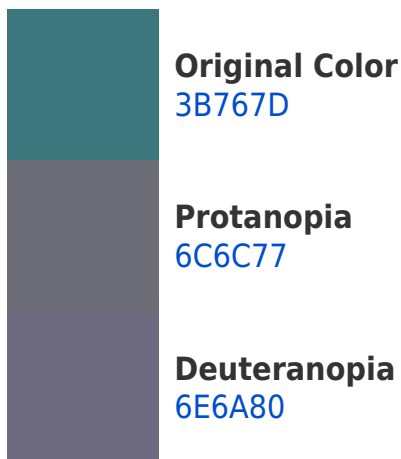



This preview shows how white text looks on a background with the Hex color 3B767D.

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
3C767F

Trichromacy



Original Color
3B767D

Protanomaly
5A7079

Deuteranomaly
5B6E7F

Tritanomaly
3C767E

Monochromacy



Original Color
3B767D

Achromatopsia
656565

Achromatomaly
566B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B767D 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 #3B767D looks like.

```
.text, #text, p{  
    color:#3B767D  
}
```

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 #3B767D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B767D
}
```

Border

The CSS property to change the border of an element to Hex 3B767D 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
#3B767D }
```

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

```
.border{ border-color:#3B767D }
```

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

Here you see how a box with a 4 pixel #3B767D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B767D; -webkit-box-shadow:4px 4px  
4px 4px #3B767D; box-shadow:4px 4px 4px  
4px #3B767D }
```

Background

The CSS property to change the background color of an element to Hex 3B767D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B767D }
```

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

```
.background{ background-color:#3B767D }
```

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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