

Converting Colors

Hex(3B616F)

Have a look what the booklet for
Hex(3B616F) contains.

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Color

Hex(3B616F)

Conversions

Conversions Part 1

Format	Color
Hex	3B616F
RGB	59, 97, 111
RGB Percent	23%, 38%, 44%
CMY	0.7686, 0.6196, 0.5647
CMYK	0.47, 0.13, 0.00, 0.56
HSL	196°, 31%, 33%
HSV	196°, 47%, 44%
XYZ	8.9476, 10.6269, 16.6185
YIQ	87.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

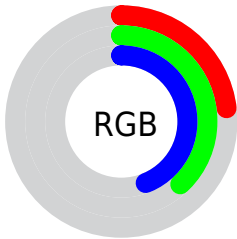
Format	Color
RYB	59, 81, 111
Decimal	3891567
CIELab	38.94, -9.38, -12.15
CIElCh	39, 15.348, 232.338
Yxy	10.6269, 0.2472, 0.2936
Android (android.graphics.Color)	4282081647 (0xFF3B616F)
YUV	87.2340, 11.7166, -24.7612
Hunter-Lab	32.5989, -8.0544, -7.4061

Details

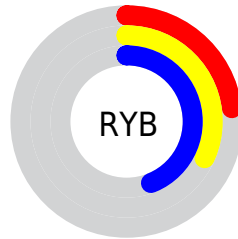
The Hex color **3B616F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F493B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6D94A3**, and **05333F** is the 20% darker color. If you saturate the color by 10%, you get **305E6F**, and if you desaturate by 10%, it is **46646F**.

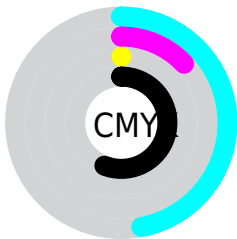
Distribution



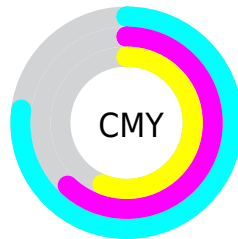
- Red (23%)
- Green (38%)
- Blue (44%)



- Red (23%)
- Yellow (32%)
- Blue (44%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (77%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B616F 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 3B616F by changing the saturation by 10% instead.



3B616F



3B616F

FFFFFF



224957



6D94A3



05333F



88AEBE



001E29



A2CADA



000115



BEE6F6



000000



DAFFFF



F7FFFF



3B616F



3B616F



305E6F



46646F

■ 255B6F

■ 51676F

■ 1A586F

■ 5C6A6F

■ 0F556F

■ 676D6F

■ 04526F

■ 73706F

■ 00516F

■ 7E736F

■ 89766F

■ 94796F

■ 9F7C6F

Harmonies

Analogous

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



386365



3B616F



485E74

Triad

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



3B616F



72535F



5B5E45

Complementary

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



3B616F



6F493B

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.



685A43



3B616F



755353

Square

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



3B616F



69566B



715648



4D614C

Rectangle

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



3B616F



545B74



715648



605D43

Sweetspot

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



3B616F



7D8C91



3B6F49



3D474A



C9C9C9



4A4A4A

Same Dimension

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



3B616F



407B91



3B476F



323738



005878



00B5F7

Inverse Universe

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



6F3B61



91407B



6F633B



383237



780058



F700B5

Previews

White Background



This preview shows how the Hex color 3B616F looks on a white background.

Color Contrast Check

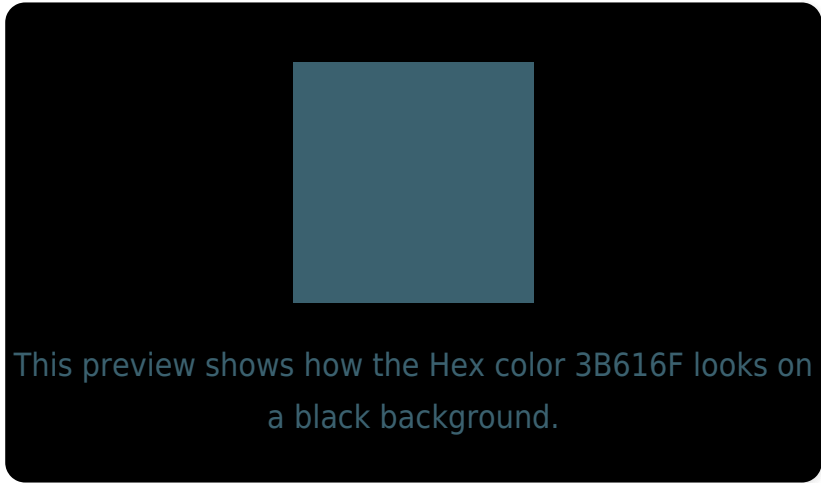
Large Text (above 18pt) WCAG AA ✓ Pass

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

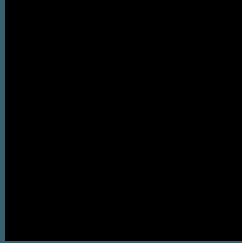
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

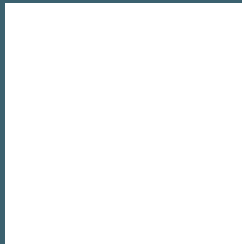
Any Text WCAG AAA × Fail

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

Hex 3B616F Background



This preview shows how black text looks on a background with the Hex color 3B616F.

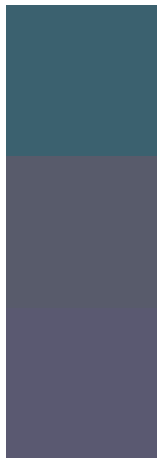


This preview shows how white text looks on a background with the Hex color 3B616F.

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
3B616F

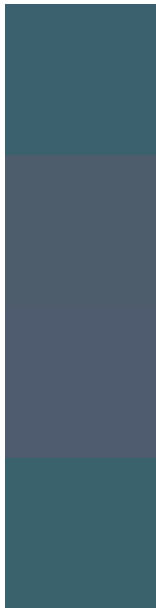
Protanopia
585B6B

Deuteranopia
5A5971



Tritanopia
39626A

Trichromacy



Original Color
3B616F

Protanomaly
4D5D6C

Deuteranomaly
4F5C70

Tritanomaly
3A626C

Monochromacy



Original Color
3B616F

Achromatopsia
575757

Achromatomaly
4D5B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B616F 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 #3B616F looks like.

```
.text, #text, p{  
    color:#3B616F  
}
```

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 #3B616F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B616F
}
```

Border

The CSS property to change the border of an element to Hex 3B616F 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
#3B616F }
```

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

```
.border{ border-color:#3B616F }
```

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

Here you see how a box with a 4 pixel #3B616F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B616F; -webkit-box-shadow:4px 4px  
4px 4px #3B616F; box-shadow:4px 4px 4px  
4px #3B616F }
```

Background

The CSS property to change the background color of an element to Hex 3B616F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B616F }
```

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

```
.background{ background-color:#3B616F }
```

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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