

Converting Colors

Hex(3B4061)

Have a look what the booklet for
Hex(3B4061) contains.

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Color

Hex(3B4061)

Conversions

Conversions Part 1

Format	Color
Hex	3B4061
RGB	59, 64, 97
RGB Percent	23%, 25%, 38%
CMY	0.7686, 0.7490, 0.6196
CMYK	0.39, 0.34, 0.00, 0.62
HSL	232°, 24%, 31%
HSV	232°, 39%, 38%
XYZ	5.7947, 5.4597, 12.0577
YIQ	66.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

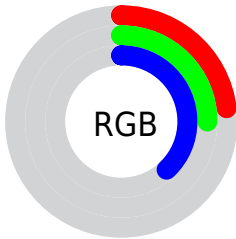
Format	Color
RYB	59, 63, 97
Decimal	3883105
CIELab	28.01, 7.11, -20.17
CIElCh	28, 21.386, 289.411
Yxy	5.4597, 0.2486, 0.2342
Android (android.graphics.Color)	4282073185 (0xFF3B4061)
YUV	66.2670, 15.1514, -6.3732
Hunter-Lab	23.3659, 3.3772, -14.2396

Details

The Hex color **3B4061** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615C3B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C7094**, and **0D1632** is the 20% darker color. If you saturate the color by 10%, you get **313861**, and if you desaturate by 10%, it is **454861**.

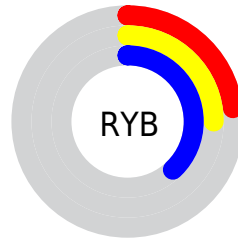
Distribution



Red (23%)

Green (25%)

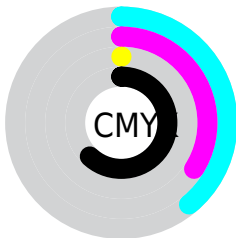
Blue (38%)



Red (23%)

Yellow (25%)

Blue (38%)

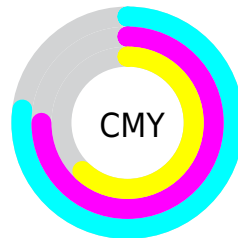


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4061 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 3B4061 by changing the saturation by 10% instead.

■ 3B4061

■ 3B4061

FFFFFF

■ 242A49

■ 6C7094

■ 0D1632

■ 8589AE

■ 00021D

■ A0A3CA

■ 000000

■ BBBEE6

■ D7DAFF

■ F4F6FF

■ 3B4061

■ 3B4061

■ 313861

■ 454861

■ 282F61

■ 4E5161

■ 1E2761

■ 585961

■ 141E61

■ 626261

■ 0A1661

■ 6C6A61

■ 010D61

■ 757361

■ 000D61

■ 7F7B61

■ 898361

■ 928C61

Harmonies

Analogous

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



1D4562



3B4061



513A58

Triad

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



3B4061



5D392A



184A3C

Complementary

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



3B4061



615C3B

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.



2F482C



3B4061



523F22

Square

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



3B4061



623538



424422



004B4C

Rectangle

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



3B4061



5B374E



424422



204A36

Sweetspot

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



3B4061



6E707D



3B615C



373840



BFBFBF



404040

Same Dimension

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



3B4061



424A7D



493B61



2C2C30



000F70



0020F0

Inverse Universe

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



613B40



7D424A



53613B



302C2C



70000F



F00020

Previews

White Background



This preview shows how the Hex color 3B4061 looks on a white background.

Color Contrast Check

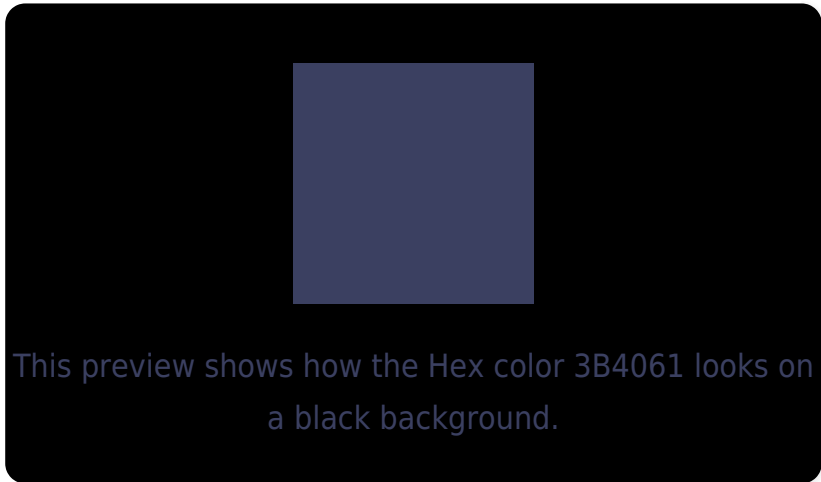
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

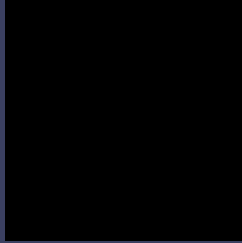
Any Text WCAG AA × Fail

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 3B4061 Background



This preview shows how black text looks on a background with the Hex color 3B4061.

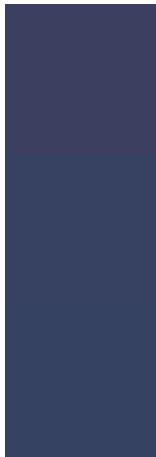


This preview shows how white text looks on a background with the Hex color 3B4061.

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](#).

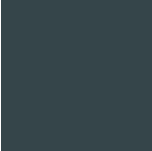
Dichromacy



Original Color
3B4061

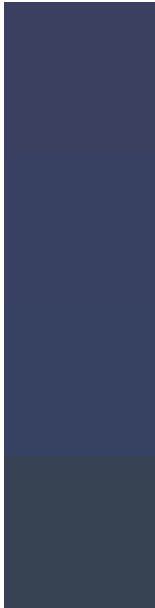
Protanopia
374162

Deuteranopia
354261



Tritanopia
35454A

Trichromacy



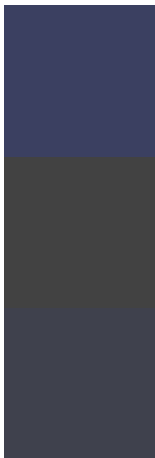
Original Color
3B4061

Protanomaly
384162

Deuteranomaly
374161

Tritanomaly
374352

Monochromacy



Original Color
3B4061

Achromatopsia
424242

Achromatomaly
3F414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4061 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 #3B4061 looks like.

```
.text, #text, p{  
    color:#3B4061  
}
```

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 #3B4061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4061  
}
```

Border

The CSS property to change the border of an element to Hex 3B4061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

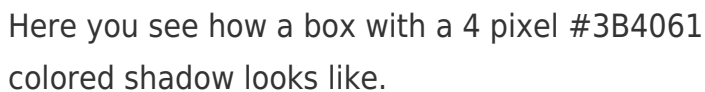
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3B4061 }
```

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

```
.border{ border-color:#3B4061 }
```

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



Here you see how a box with a 4 pixel #3B4061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4061; -webkit-box-shadow:4px 4px  
4px 4px #3B4061; box-shadow:4px 4px 4px  
4px #3B4061 }
```

Background

The CSS property to change the background color of an element to Hex 3B4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4061 }
```

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

```
.background{ background-color:#3B4061 }
```

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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