

Converting Colors

Hex(3B3C61)

Have a look what the booklet for
Hex(3B3C61) contains.

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Color

Hex(3B3C61)

Conversions

Conversions Part 1

Format	Color
Hex	3B3C61
RGB	59, 60, 97
RGB Percent	23%, 24%, 38%
CMY	0.7686, 0.7647, 0.6196
CMYK	0.39, 0.38, 0.00, 0.62
HSL	238°, 24%, 31%
HSV	238°, 39%, 38%
XYZ	5.5772, 5.0246, 11.9852
YIQ	63.9190, -12.4730, 11.2950

Conversions

Conversions Part 2

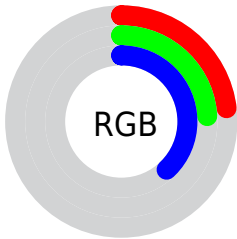
Format	Color
R_{YB}	59, 60, 97
Decimal	3882081
CIE _{Lab}	26.80, 9.79, -22.05
CIE _{LCh}	27, 24.125, 293.946
Yxy	5.0246, 0.2469, 0.2225
Android (android.graphics.Color)	4282072161 (0xFF3B3C61)
YUV	63.9190, 16.3089, -4.3140
Hunter-Lab	22.4156, 5.1848, -16.0102

Details

The Hex color **3B3C61** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61603B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6C6B94**, and **0D1232** is the 20% darker color. If you saturate the color by 10%, you get **313361**, and if you desaturate by 10%, it is **454561**.

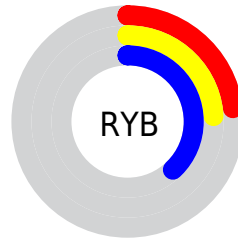
Distribution



Red (23%)

Green (24%)

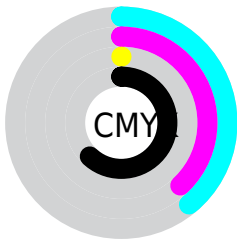
Blue (38%)



Red (23%)

Yellow (24%)

Blue (38%)

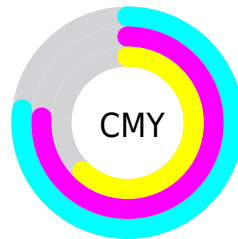


Cyan (39%)

Magenta (38%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (76%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3C61 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 3B3C61 by changing the saturation by 10% instead.



3B3C61



3B3C61

FFFFFF



242649



6C6B94



0D1232



8684AF



00021D



A09ECA



000000



BBB9E6



D7D5FF



F4F1FF



3B3C61



3B3C61



313361



454561

■ 282961

■ 4E4F61

■ 1E2061

■ 585861

■ 141661

■ 626261

■ 0A0D61

■ 6C6B61

■ 010361

■ 757561

■ 000361

■ 7F7E61

■ 898861

■ 929161

Harmonies

Analogous

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



154264



3B3C61



533555

Triad

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



3B3C61



5B3622



00493B

Complementary

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



3B3C61



61603B

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.



264729



3B3C61



4E3D1A

Square

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



3B3C61



623131



3C431D



00494E

Rectangle

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



3B3C61



5C314A



3C431D



114835

Sweetspot

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



3B3C61



6E6E7D



3B6160



373740



BFBFBF



404040

Same Dimension

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



3B3C61



42447D



4D3B61



2C2C30



000370



0006F0

Inverse Universe

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



613B3C



7D4244



4F613B



302C2C



700003



F00006

Previews

White Background



This preview shows how the Hex color 3B3C61 looks on a white background.

Color Contrast Check

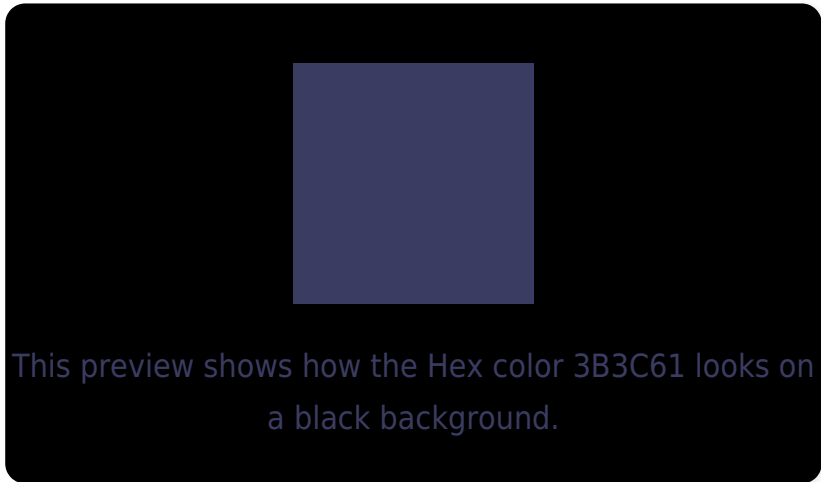
Large Text (above 18pt) WCAG AA ✓ Pass

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

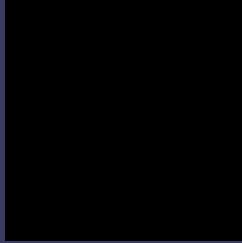
Any Text WCAG AA × Fail

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 3B3C61 Background



This preview shows how black text looks on a background with the Hex color 3B3C61.



This preview shows how white text looks on a background with the Hex color 3B3C61.

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
3B3C61

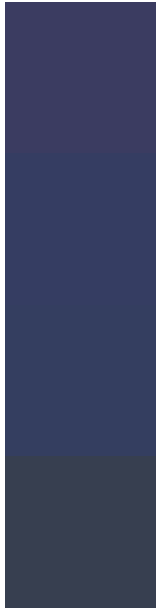
Protanopia
323E63

Deuteranopia
303F60



Tritanopia
354147

Trichromacy



Original Color
3B3C61

Protanomaly
353D62

Deuteranomaly
343E60

Tritanomaly
373F50

Monochromacy



Original Color
3B3C61

Achromatopsia
404040

Achromatomaly
3E3F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3C61 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 #3B3C61 looks like.

```
.text, #text, p{  
    color:#3B3C61  
}
```

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 #3B3C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3C61
}
```

Border

The CSS property to change the border of an element to Hex 3B3C61 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
#3B3C61 }
```

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

```
.border{ border-color:#3B3C61 }
```

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

Here you see how a box with a 4 pixel #3B3C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3C61; -webkit-box-shadow:4px 4px  
4px 4px #3B3C61; box-shadow:4px 4px 4px  
4px #3B3C61 }
```

Background

The CSS property to change the background color of an element to Hex 3B3C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3C61 }
```

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

```
.background{ background-color:#3B3C61 }
```

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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