

Converting Colors

Hex(3C4163)

Have a look what the booklet for
Hex(3C4163) contains.

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Color

Hex(3C4163)

Conversions

Conversions Part 1

Format	Color
Hex	3C4163
RGB	60, 65, 99
RGB Percent	24%, 25%, 39%
CMY	0.7647, 0.7451, 0.6118
CMYK	0.39, 0.34, 0.00, 0.61
HSL	232°, 25%, 31%
HSV	232°, 39%, 39%
XYZ	6.0059, 5.6421, 12.5769
YIQ	67.3810, -13.8940, 9.5140

Conversions

Conversions Part 2

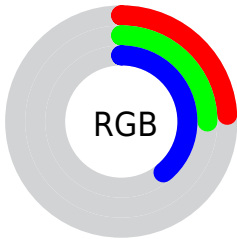
Format	Color
RYB	60, 64, 99
Decimal	3948899
CIELab	28.49, 7.38, -20.69
CIElCh	28, 21.970, 289.628
Yxy	5.6421, 0.2479, 0.2329
Android (android.graphics.Color)	4282138979 (0xFF3C4163)
YUV	67.3810, 15.5882, -6.4731
Hunter-Lab	23.7531, 3.5653, -14.7659

Details

The Hex color **3C4163** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **635E3C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6D7196**, and **0D1734** is the 20% darker color. If you saturate the color by 10%, you get **323863**, and if you desaturate by 10%, it is **464A63**.

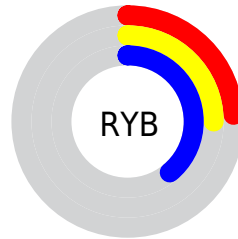
Distribution



Red (24%)

Green (25%)

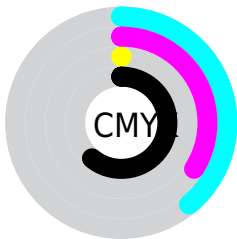
Blue (39%)



Red (24%)

Yellow (25%)

Blue (39%)

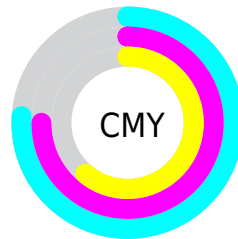


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (61%)



Cyan (76%)

Magenta (75%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4163 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 3C4163 by changing the saturation by 10% instead.

■ 3C4163

■ 3C4163

FFFFFF

■ 252B4B

■ 6D7196

■ 0D1734

■ 878AB1

■ 00011F

■ A1A4CC

■ 000002

■ BDBFE8

■ 000000

■ D9DBFF

■ F5F8FF

■ 3C4163

■ 3C4163

■ 323863

■ 464A63

■ 283063

■ 505263

■ 1E2763

■ 5A5B63

■ 141E63

■ 646463

■ 0A1663

■ 6E6C63

■ 010D63

■ 777563

■ 000D63

■ 817D63

■ 8B8663

■ 958F63

Harmonies

Analogous

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



1D4764



3C4163



533B59

Triad

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



3C4163



5F3A2A



174C3D

Complementary

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



3C4163



635E3C

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.



2F4A2D



3C4163



534022

Square

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



3C4163



643639



434623



004C4E

Rectangle

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



3C4163



5D374F



434623



204B37

Sweetspot

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



3C4163



707280



3C635E



373840



BFBFBF



404040

Same Dimension

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



3C4163



444B80



4A3C63



2C2C30



000E70



001FF0

Inverse Universe

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



633C41



80444B



55633C



302C2C



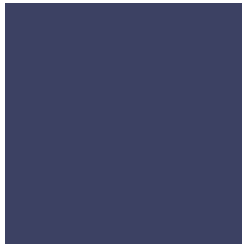
70000E



F0001F

Previews

White Background



This preview shows how the Hex color 3C4163 looks on a white background.

Color Contrast Check

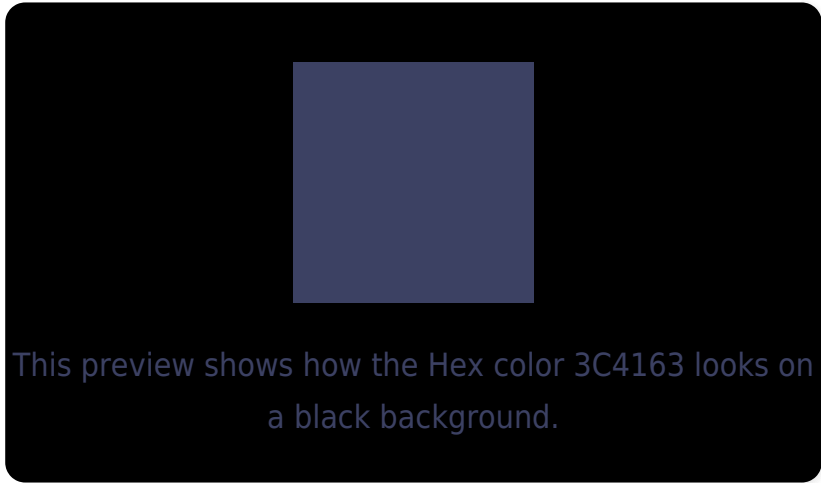
Large Text (above 18pt) WCAG AA ✓ Pass

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

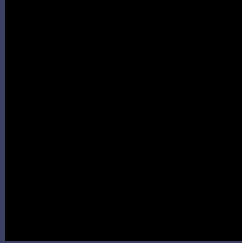
Any Text WCAG AA × Fail

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 3C4163 Background



This preview shows how black text looks on a background with the Hex color 3C4163.

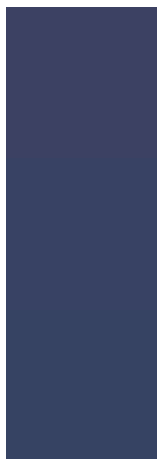


This preview shows how white text looks on a background with the Hex color 3C4163.

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

3C4163

Protanopia

384264

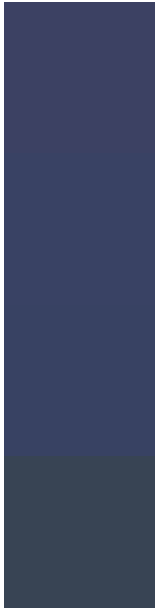
Deuteranopia

364363



Tritanopia
36464B

Trichromacy



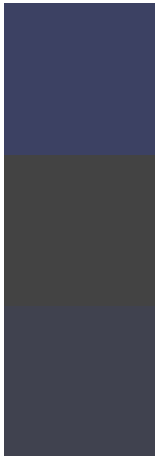
Original Color
3C4163

Protanomaly
394264

Deuteranomaly
384263

Tritanomaly
384454

Monochromacy



Original Color
3C4163

Achromatopsia
434343

Achromatomaly
40424F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4163 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 #3C4163 looks like.

```
.text, #text, p{  
    color:#3C4163  
}
```

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 #3C4163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4163
}
```

Border

The CSS property to change the border of an element to Hex 3C4163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

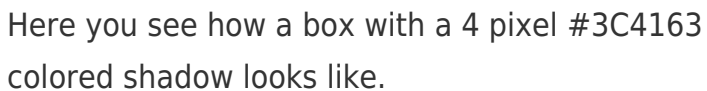
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4163 }
```

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

```
.border{ border-color:#3C4163 }
```

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



Here you see how a box with a 4 pixel #3C4163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4163; -webkit-box-shadow:4px 4px  
4px 4px #3C4163; box-shadow:4px 4px 4px  
4px #3C4163 }
```

Background

The CSS property to change the background color of an element to Hex 3C4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4163 }
```

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

```
.background{ background-color:#3C4163 }
```

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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