

Converting Colors

Hex(3C4162)

Have a look what the booklet for
Hex(3C4162) contains.

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Color

Hex(3C4162)

Conversions

Conversions Part 1

Format	Color
Hex	3C4162
RGB	60, 65, 98
RGB Percent	24%, 25%, 38%
CMY	0.7647, 0.7451, 0.6157
CMYK	0.39, 0.34, 0.00, 0.62
HSL	232°, 24%, 31%
HSV	232°, 39%, 38%
XYZ	5.9584, 5.6231, 12.3266
YIQ	67.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

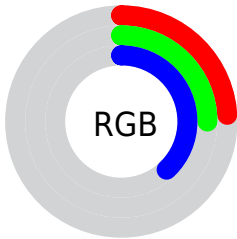
Format	Color
RYB	60, 64, 98
Decimal	3948898
CIELab	28.44, 7.07, -20.13
CIElCh	28, 21.334, 289.350
Yxy	5.6231, 0.2492, 0.2352
Android (android.graphics.Color)	4282138978 (0xFF3C4162)
YUV	67.2670, 15.1514, -6.3732
Hunter-Lab	23.7131, 3.3538, -14.2212

Details

The Hex color **3C4162** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **625D3C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6D7195**, and **0E1733** is the 20% darker color. If you saturate the color by 10%, you get **323862**, and if you desaturate by 10%, it is **464A62**.

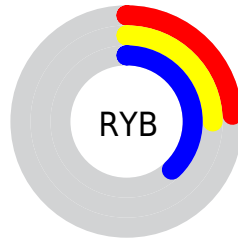
Distribution



Red (24%)

Green (25%)

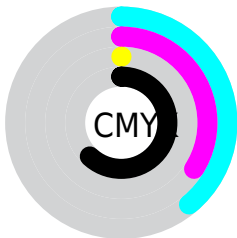
Blue (38%)



Red (24%)

Yellow (25%)

Blue (38%)

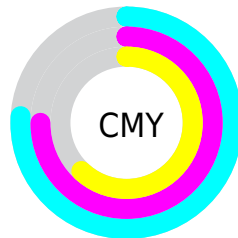


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4162 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 3C4162 by changing the saturation by 10% instead.



3C4162



3C4162

FFFFFF



252B4A



6D7195



0E1733



878AB0



00011E



A1A4CB



000000



BCBFE7



D8DBFF



F5F8FF



3C4162



3C4162



323862



464A62

■ 283062

■ 505262

■ 1F2762

■ 595B62

■ 151F62

■ 636362

■ 0B1662

■ 6D6C62

■ 010E62

■ 777462

■ 000D62

■ 817D62

■ 8A8562

■ 948E62

Harmonies

Analogous

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



1E4663



3C4162



523B59

Triad

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



3C4162



5E3A2B



194B3C

Complementary

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



3C4162



625D3C

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.



30492D



3C4162



534023

Square

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



3C4162



633639



434523



004C4D

Rectangle

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



3C4162



5C384F



434523



224B37

Sweetspot

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



3C4162



707280



3C625D



373840



BFBFBF



404040

Same Dimension

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



3C4162



444B80



4A3C62



2C2C30



000F70



0020F0

Inverse Universe

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



623C41



80444B



54623C



302C2C



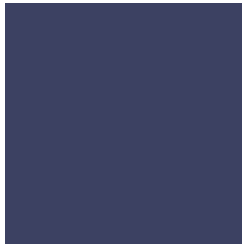
70000F



F00020

Previews

White Background



This preview shows how the Hex color 3C4162 looks on a white background.

Color Contrast Check

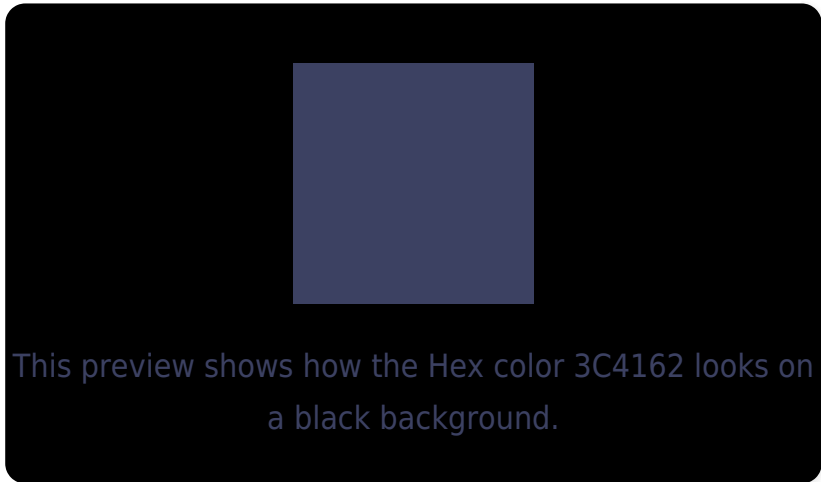
Large Text (above 18pt) WCAG AA ✓ Pass

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

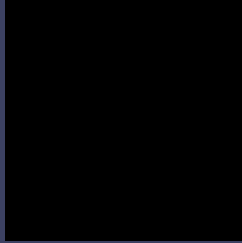
Any Text WCAG AA × Fail

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 3C4162 Background



This preview shows how black text looks on a background with the Hex color 3C4162.



This preview shows how white text looks on a background with the Hex color 3C4162.

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
3C4162

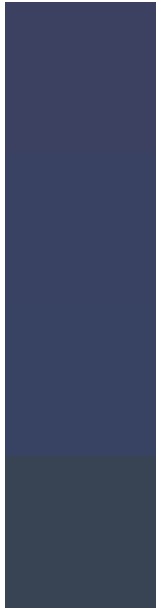
Protanopia
384263

Deuteranopia
364362



Tritanopia
36464B

Trichromacy



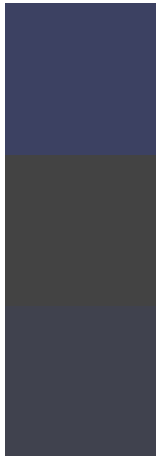
Original Color
3C4162

Protanomaly
394263

Deuteranomaly
384262

Tritanomaly
384453

Monochromacy



Original Color
3C4162

Achromatopsia
434343

Achromatomaly
40424E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4162 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 #3C4162 looks like.

```
.text, #text, p{  
    color:#3C4162  
}
```

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 #3C4162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4162
}
```

Border

The CSS property to change the border of an element to Hex 3C4162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

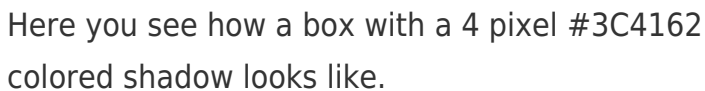
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4162 }
```

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

```
.border{ border-color:#3C4162 }
```

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



Here you see how a box with a 4 pixel #3C4162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4162; -webkit-box-shadow:4px 4px  
4px 4px #3C4162; box-shadow:4px 4px 4px  
4px #3C4162 }
```

Background

The CSS property to change the background color of an element to Hex 3C4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4162 }
```

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

```
.background{ background-color:#3C4162 }
```

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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