

Converting Colors

Hex(3C5166)

Have a look what the booklet for
Hex(3C5166) contains.

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Color

Hex(3C5166)

Conversions

Conversions Part 1

Format	Color
Hex	3C5166
RGB	60, 81, 102
RGB Percent	24%, 32%, 40%
CMY	0.7647, 0.6824, 0.6000
CMYK	0.41, 0.21, 0.00, 0.60
HSL	210°, 26%, 32%
HSV	210°, 41%, 40%
XYZ	7.2042, 7.8048, 13.6972
YIQ	77.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

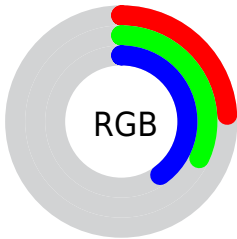
Format	Color
RYB	60, 74, 102
Decimal	3952998
CIELab	33.57, -2.08, -14.74
CIElCh	34, 14.887, 261.986
Yxy	7.8048, 0.2510, 0.2719
Android (android.graphics.Color)	4282143078 (0xFF3C5166)
YUV	77.1150, 12.2683, -15.0099
Hunter-Lab	27.9371, -2.8599, -9.5130

Details

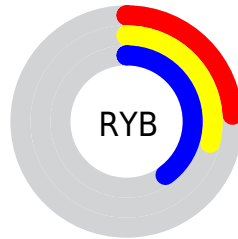
The Hex color **3C5166** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66513C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6D8299**, and **0C2537** is the 20% darker color. If you saturate the color by 10%, you get **324C66**, and if you desaturate by 10%, it is **465666**.

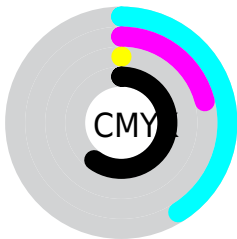
Distribution



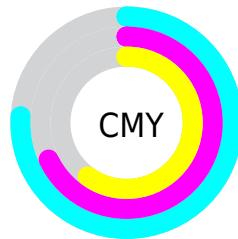
- Red (24%)
- Green (32%)
- Blue (40%)



- Red (24%)
- Yellow (29%)
- Blue (40%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5166 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 3C5166 by changing the saturation by 10% instead.

■ 3C5166

■ 3C5166

FFFFFF

■ 253A4E

■ 6D8299

■ 0C2537

■ 879CB4

■ 000F22

■ A2B7CF

■ 000009

■ BDD3EC

■ 000000

■ D9EFFF

■ F6FFFF

■ 3C5166

■ 3C5166

■ 324C66

■ 465666

■ 284766

■ 505B66

■ 1D4266

■ 5B6066

■ 133D66

■ 656566

■ 093866

■ 6F6B66

■ 003366

■ 797066

■ 837566

■ 8E7A66

■ 987F66

Harmonies

Analogous

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



2F5461



3C5166



4D4D65

Triad

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



3C5166



674747



415440

Complementary

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



3C5166



66513C

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.



4E5139



3C5166



63493D

Square

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



3C5166



644753



5B4D38



34554B

Rectangle

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



3C5166



574A60



5B4D38



46533D

Sweetspot

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



3C5166



757D85



3C6651



393E42



C2C2C2



424242

Same Dimension

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



3C5166



446485



3C3C66



2E3033



003973



0079F2

Inverse Universe

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



663C51



854464



66663C



332E30



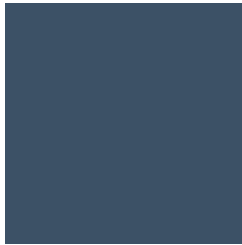
730039



F20079

Previews

White Background



This preview shows how the Hex color 3C5166 looks on a white background.

Color Contrast Check

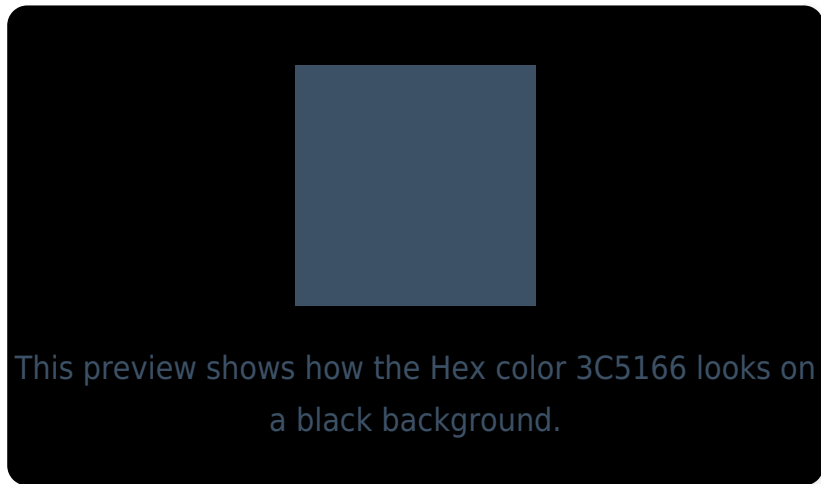
Large Text (above 18pt) WCAG AA ✓ Pass

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

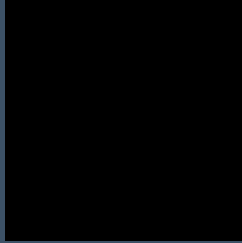
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

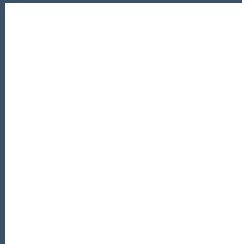
Any Text WCAG AAA × Fail

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

Hex 3C5166 Background



This preview shows how black text looks on a background with the Hex color 3C5166.

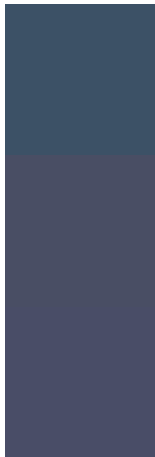


This preview shows how white text looks on a background with the Hex color 3C5166.

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](#).

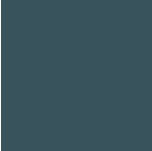
Dichromacy



Original Color
3C5166

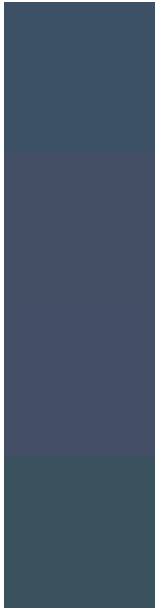
Protanopia
494E64

Deuteranopia
494D67



Tritanopia
39535A

Trichromacy



Original Color
3C5166

Protanomaly
444F65

Deuteranomaly
444E67

Tritanomaly
3A525E

Monochromacy



Original Color
3C5166

Achromatopsia
4D4D4D

Achromatomaly
474E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5166 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 #3C5166 looks like.

```
.text, #text, p{  
    color:#3C5166  
}
```

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 #3C5166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5166
}
```

Border

The CSS property to change the border of an element to Hex 3C5166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

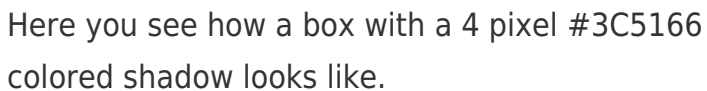
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C5166 }
```

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

```
.border{ border-color:#3C5166 }
```

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



Here you see how a box with a 4 pixel #3C5166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5166; -webkit-box-shadow:4px 4px  
4px 4px #3C5166; box-shadow:4px 4px 4px  
4px #3C5166 }
```

Background

The CSS property to change the background color of an element to Hex 3C5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5166 }
```

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

```
.background{ background-color:#3C5166 }
```

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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