

# Converting Colors

Hex(3C5D68)

Have a look what the booklet for  
Hex(3C5D68) contains.

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# Color

Hex(3C5D68)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C5D68
RGB	60, 93, 104
RGB Percent	24%, 36%, 41%
CMY	0.7647, 0.6353, 0.5922
CMYK	0.42, 0.11, 0.00, 0.59
HSL	195°, 27%, 32%
HSV	195°, 42%, 41%
XYZ	8.2765, 9.7888, 14.5499
YIQ	84.3870, -23.1990, -3.5750

# Conversions

## Conversions Part 2

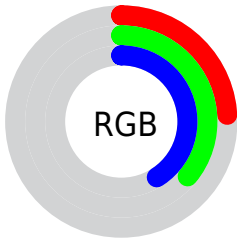
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 79, 104
Decimal	3956072
CIE Lab	37.46, -8.82, -10.08
CIE LCh	37, 13.388, 228.818
Yxy	9.7888, 0.2538, 0.3001
Android (android.graphics.Color)	4282146152 (0xFF3C5D68)
YUV	84.3870, 9.6692, -21.3874
Hunter-Lab	31.2871, -7.5331, -5.6715

# Details

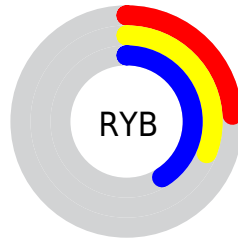
The Hex color **3C5D68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68473C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6E8F9B**, and **0A2F39** is the 20% darker color. If you saturate the color by 10%, you get **325A68**, and if you desaturate by 10%, it is **466068**.

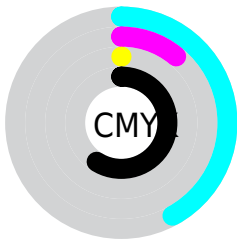
# Distribution



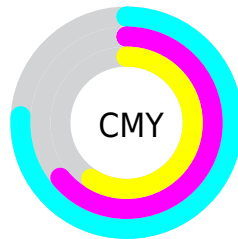
- Red (24%)
- Green (36%)
- Blue (41%)



- Red (24%)
- Yellow (31%)
- Blue (41%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (64%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C5D68 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 3C5D68 by changing the saturation by 10% instead.



■ 3C5D68

■ 3C5D68

FFFFFF

■ 244550

■ 6E8F9B

■ 0A2F39

■ 88AAB6

■ 001B23

■ A2C5D2

■ 00010E

■ BEE1EE

■ 000000

■ DAFFFF

■ F7FFFF

■ 3C5D68

■ 3C5D68

■ 325A68

■ 466068

■ 275868

■ 516268

■ 1D5568

■ 5B6568

■ 125368

■ 666768

■ 085068

■ 706A68

■ 004E68

■ 7A6D68

■ 856F68

■ 8F7268

■ 9A7468

# Harmonies

## Analogous

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



3A5E5F



3C5D68



465A6D

# Triad

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



3C5D68



6B515D



595A44

# Complementary

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



3C5D68



68473C

# 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.



645643



3C5D68



6F5152

# Square

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



3C5D68



625366



6C5348



4D5C4A

# Rectangle

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



3C5D68



50586D



6C5348



5D5843



# Sweetspot

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



3C5D68



768387



3C6847



3A4245



C4C4C4



454545



# Same Dimension

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



3C5D68



427687



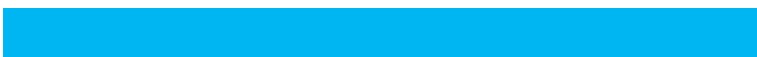
3C4768



2E3233



005673



00B6F2



# Inverse Universe

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



683C5D



874276



685D3C



332E32



730056



F200B6



# Previews

## White Background



This preview shows how the Hex color 3C5D68 looks on a white background.

## Color Contrast Check

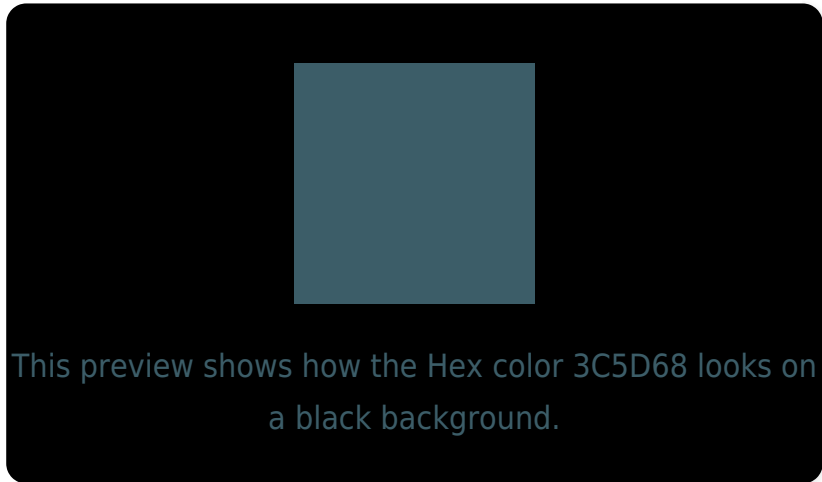
Large Text (above 18pt) WCAG AA ✓ Pass

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

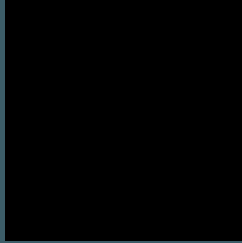
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

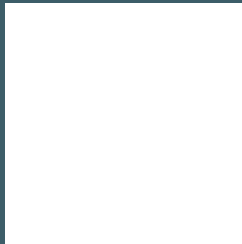
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C5D68 Background



This preview shows how black text looks on a background with the Hex color 3C5D68.

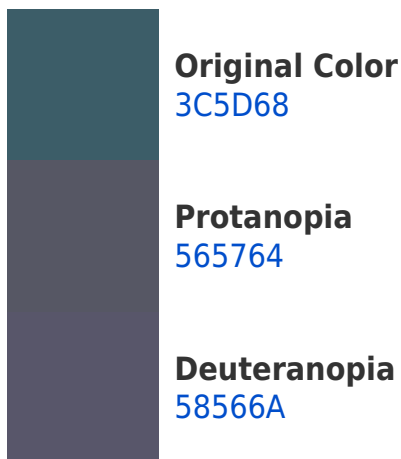



This preview shows how white text looks on a background with the Hex color 3C5D68.

# 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





**Tritanopia**  
3B5D65

# Trichromacy



**Original Color**  
3C5D68

**Protanomaly**  
4D5965

**Deuteranomaly**  
4E5969

**Tritanomaly**  
3B5D66

# Monochromacy



**Original Color**  
3C5D68

**Achromatopsia**  
545454

**Achromatomaly**  
4B575B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C5D68 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 #3C5D68 looks like.

```
.text, #text, p{  
    color:#3C5D68  
}
```

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 #3C5D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5D68  
}
```

## Border

The CSS property to change the border of an element to Hex 3C5D68 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  
#3C5D68 }
```

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

```
.border{ border-color:#3C5D68 }
```

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

Here you see how a box with a 4 pixel #3C5D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5D68; -webkit-box-shadow:4px 4px  
4px 4px #3C5D68; box-shadow:4px 4px 4px  
4px #3C5D68 }
```

# Background

The CSS property to change the background color of an element to Hex 3C5D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5D68 }
```

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

```
.background{ background-color:#3C5D68 }
```

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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