

# Converting Colors

Hex(355A58)

Have a look what the booklet for  
Hex(355A58) contains.

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# Color

**Hex(355A58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	355A58
RGB	53, 90, 88
RGB Percent	21%, 35%, 35%
CMY	0.7922, 0.6471, 0.6549
CMYK	0.41, 0.00, 0.02, 0.65
HSL	177°, 26%, 28%
HSV	177°, 41%, 35%
XYZ	6.8858, 8.7738, 10.5631
YIQ	78.7090, -21.4100, -8.4660

# Conversions

## Conversions Part 2

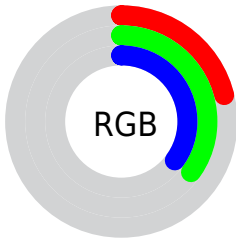
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 72, 90
Decimal	3496536
CIELab	35.55, -13.74, -3.03
CIElCh	36, 14.069, 192.426
Yxy	8.7738, 0.2626, 0.3346
Android (android.graphics.Color)	4281686616 (0xFF355A58)
YUV	78.7090, 4.5805, -22.5468
Hunter-Lab	29.6206, -10.3406, -0.4092

# Details

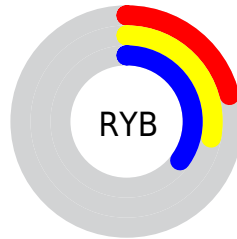
The Hex color **355A58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3537**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **668C8A**, and **042C2B** is the 20% darker color. If you saturate the color by 10%, you get **2C5A58**, and if you desaturate by 10%, it is **3E5A58**.

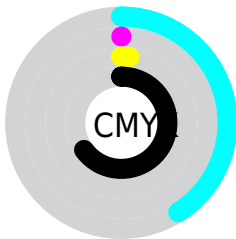
# Distribution



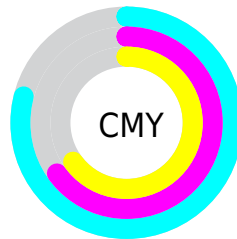
- Red (21%)
- Green (35%)
- Blue (35%)



- Red (21%)
- Yellow (28%)
- Blue (35%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (65%)



- Cyan (79%)
- Magenta (65%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 355A58 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 355A58 by changing the saturation by 10% instead.





355A58



355A58

FFFFFF



1D4241



668C8A



042C2B



80A7A4



001916



9AC2BF



000000



B5DEDB



D1FAF7



EEFFFF



355A58



355A58



2C5A58



3E5A58

■ 235A57

■ 475A59

■ 1A5A57

■ 505A59

■ 115A56

■ 595A5A

■ 085A56

■ 625A5A

■ 005A55

■ 6B5A5B

■ 745A5B

■ 7D5A5C

■ 865A5C

# Harmonies

## Analogous

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



3E594C



355A58



345962

# Triad

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



355A58



5B4F64



62513E

# Complementary

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



355A58



5A3537

# 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.



694D45



355A58



664C5B

# Square

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



355A58



4D5369



6B4C4F



57543E

# Rectangle

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



355A58



3A5867



6B4C4F



654F40



# Sweetspot

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



355A58



677575



375A35



323B3A



BABABA



3B3B3B



# Same Dimension

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



355A58



3C7572



354A5A



292E2E



006E68



00EDE0



# Inverse Universe

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



5A3537



753C3F



5A4535



2E292A



6E0006



ED000D



# Previews

## White Background



This preview shows how the Hex color 355A58 looks on a white background.

## Color Contrast Check

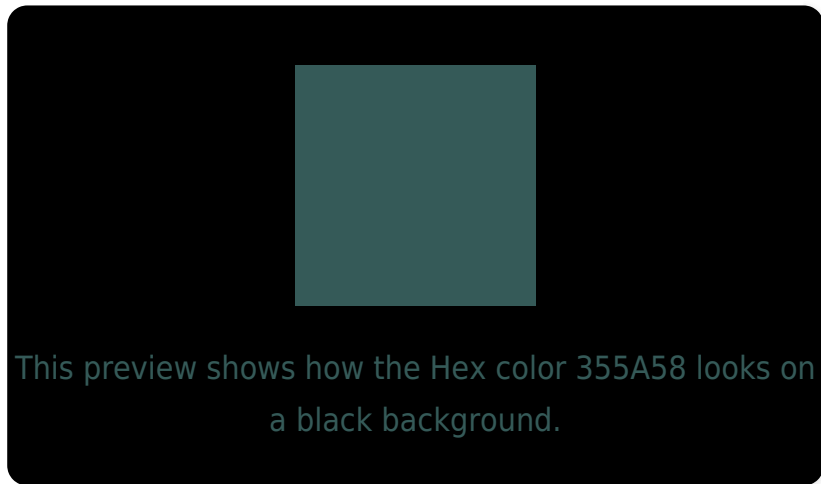
Large Text (above 18pt) WCAG AA ✓ Pass

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

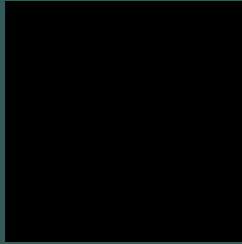
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

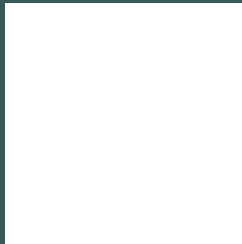
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 355A58 Background



This preview shows how black text looks on a background with the Hex color 355A58.



This preview shows how white text looks on a background with the Hex color 355A58.

# 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**  
355A58

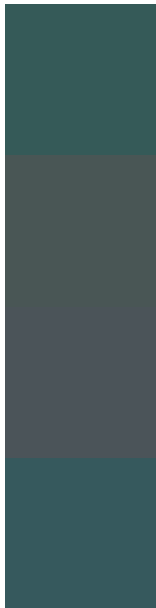
**Protanopia**  
553354

**Deuteranopia**  
58515A



**Tritanopia**  
375960

# Trichromacy



**Original Color**  
355A58

**Protanomaly**  
495655

**Deuteranomaly**  
4B5459

**Tritanomaly**  
36595D

# Monochromacy



**Original Color**  
355A58

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
465352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 355A58 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 #355A58 looks like.

```
.text, #text, p{  
    color:#355A58  
}
```

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 #355A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355A58
}
```

## Border

The CSS property to change the border of an element to Hex 355A58 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
#355A58 }
```

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

```
.border{ border-color:#355A58 }
```

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

Here you see how a box with a 4 pixel #355A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355A58; -webkit-box-shadow:4px 4px  
4px 4px #355A58; box-shadow:4px 4px 4px  
4px #355A58 }
```

# Background

The CSS property to change the background color of an element to Hex 355A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355A58 }
```

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

```
.background{ background-color:#355A58 }
```

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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