

Converting Colors

Hex(355A67)

Have a look what the booklet for
Hex(355A67) contains.

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Color

Hex(355A67)

Conversions

Conversions Part 1

Format	Color
Hex	355A67
RGB	53, 90, 103
RGB Percent	21%, 35%, 40%
CMY	0.7922, 0.6471, 0.5961
CMYK	0.49, 0.13, 0.00, 0.60
HSL	196°, 32%, 31%
HSV	196°, 49%, 40%
XYZ	7.5725, 9.0485, 14.1794
YIQ	80.4190, -26.2250, -3.8010

Conversions

Conversions Part 2

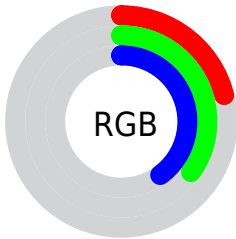
Format	Color
RYB	53, 74, 103
Decimal	3496551
CIELab	36.08, -9.32, -11.59
CIElCh	36, 14.872, 231.175
Yxy	9.0485, 0.2459, 0.2938
Android (android.graphics.Color)	4281686631 (0xFF355A67)
YUV	80.4190, 11.1324, -24.0465
Hunter-Lab	30.0807, -7.7055, -6.8915




Details

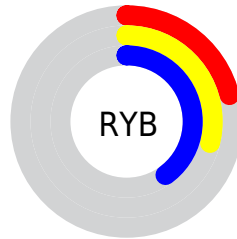
The Hex color **355A67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **674235**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **678C9A**, and **002C38** is the 20% darker color. If you saturate the color by 10%, you get **2B5767**, and if you desaturate by 10%, it is **3F5D67**.

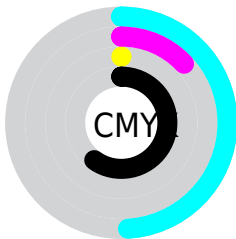
Distribution







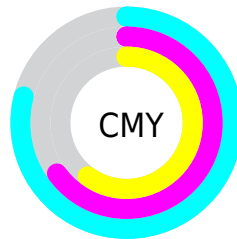
-  Red (21%)
-  Green (35%)
-  Blue (40%)






-  Red (21%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (49%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (79%)
-  Magenta (65%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355A67 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 355A67 by changing the saturation by 10% instead.



355A67



355A67

FFFFFF



1C434F



678C9A



002C38



81A6B5



001823



9CC2D0



00000C



B7DEED



000000



D3FAFF



F0FFFF



355A67



355A67



2B5767



3F5D67

■ 205567

■ 4A5F67

■ 165267

■ 546267

■ 0C4F67

■ 5E6567

■ 014D67

■ 696767

■ 004C67

■ 736A67

■ 7D6D67

■ 876F67

■ 927267

Harmonies

Analogous

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



335B5D



355A67



42576C

Triad

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



355A67



6A4D59



55573F

Complementary

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



355A67



674235

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.



61533D



355A67



6D4D4D

Square

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



355A67



614F64



6A4F43



475A46

Rectangle

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



355A67



4D546C



6A4F43



59563D

Sweetspot

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



355A67



738287



356742



384245



C4C4C4



454545

Same Dimension

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



355A67



397387



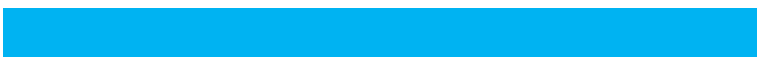
354267



2E3233



005573



00B3F2

Inverse Universe

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



67355A



873973



675B35



332E32



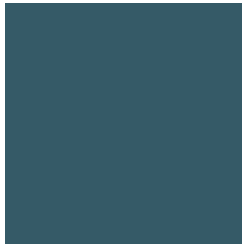
730055



F200B3

Previews

White Background



This preview shows how the Hex color 355A67 looks on a white background.

Color Contrast Check

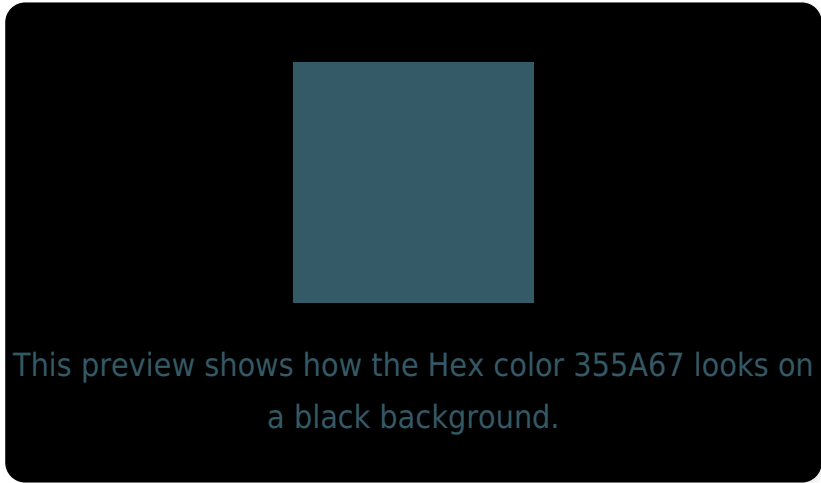
Large Text (above 18pt) WCAG AA ✓ Pass

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

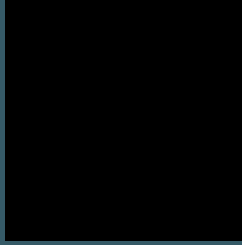
Any Text WCAG AA × Fail

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 355A67 Background



This preview shows how black text looks on a background with the Hex color 355A67.

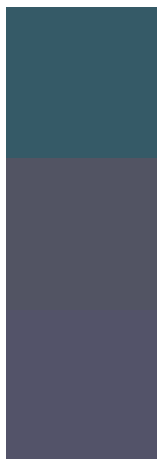


This preview shows how white text looks on a background with the Hex color 355A67.

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
355A67

Protanopia
525463

Deuteranopia
535369



Tritanopia
335B62

Trichromacy



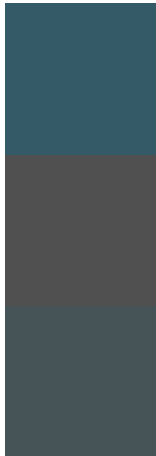
Original Color
355A67

Protanomaly
475664

Deuteranomaly
485668

Tritanomaly
345B64

Monochromacy



Original Color
355A67

Achromatopsia
505050

Achromatomaly
465458

CSS Examples

Text

The CSS property to change the color of the text to Hex 355A67 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 #355A67 looks like.

```
.text, #text, p{  
    color:#355A67  
}
```

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 #355A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355A67
}
```

Border

The CSS property to change the border of an element to Hex 355A67 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
#355A67 }
```

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

```
.border{ border-color:#355A67 }
```

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

Here you see how a box with a 4 pixel #355A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355A67; -webkit-box-shadow:4px 4px  
4px 4px #355A67; box-shadow:4px 4px 4px  
4px #355A67 }
```

Background

The CSS property to change the background color of an element to Hex 355A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355A67 }
```

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

```
.background{ background-color:#355A67 }
```

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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