

Converting Colors

Hex(355A65)

Have a look what the booklet for
Hex(355A65) contains.

Hex(355A65)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(355A65)

Conversions

Conversions Part 1

Format	Color
Hex	355A65
RGB	53, 90, 101
RGB Percent	21%, 35%, 40%
CMY	0.7922, 0.6471, 0.6039
CMYK	0.48, 0.11, 0.00, 0.60
HSL	194°, 31%, 30%
HSV	194°, 48%, 40%
XYZ	7.4733, 9.0088, 13.6569
YIQ	80.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

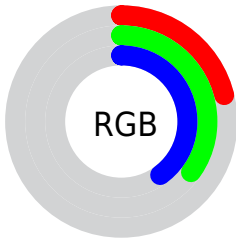
Format	Color
RYB	53, 74, 101
Decimal	3496549
CIELab	36.00, -9.94, -10.46
CIELCh	36, 14.426, 226.454
Yxy	9.0088, 0.2480, 0.2989
Android (android.graphics.Color)	4281686629 (0xFF355A65)
YUV	80.1910, 10.2588, -23.8465
Hunter-Lab	30.0147, -8.0811, -5.9672

Details

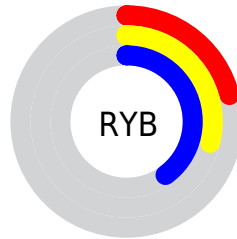
The Hex color **355A65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654035**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **678C98**, and **012C36** is the 20% darker color. If you saturate the color by 10%, you get **2B5865**, and if you desaturate by 10%, it is **3F5C65**.

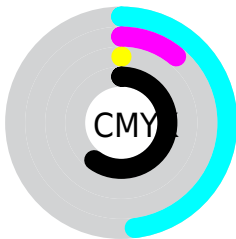
Distribution



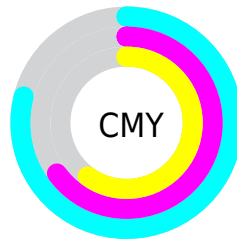
- Red (21%)
- Green (35%)
- Blue (40%)



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



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 355A65 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 355A65 by changing the saturation by 10% instead.



355A65



355A65

FFFFFF



1C434D



678C98



012C36



81A6B3



001821



9BC2CE



000009



B7DEEA



000000



D3FAFF



FFFFFF



355A65



355A65



2B5865



3F5C65

■ 215565

■ 495F65

■ 175365

■ 536165

■ 0D5165

■ 5D6365

■ 034E65

■ 686665

■ 004E65

■ 726865

■ 7C6A65

■ 866D65

■ 906F65

Harmonies

Analogous

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



345B5B



355A65



40576B

Triad

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



355A65



684D5A



57563E

Complementary

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



355A65



654035

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.



62523E



355A65



6C4C4F

Square

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



355A65



5E5065



6A4F44



4A5944

Rectangle

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



355A65



4A556B



6A4F44



5B553E

Sweetspot

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



355A65



707E82



35653F



374042



C2C2C2



424242

Same Dimension

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



355A65



387182



354365



2E3233



005873



00BBF2

Inverse Universe

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



65355A



823871



655735



332E32



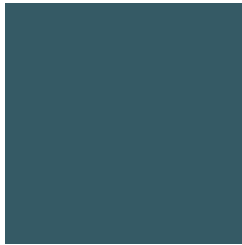
730058



F200BB

Previews

White Background



This preview shows how the Hex color 355A65 looks on a white background.

Color Contrast Check

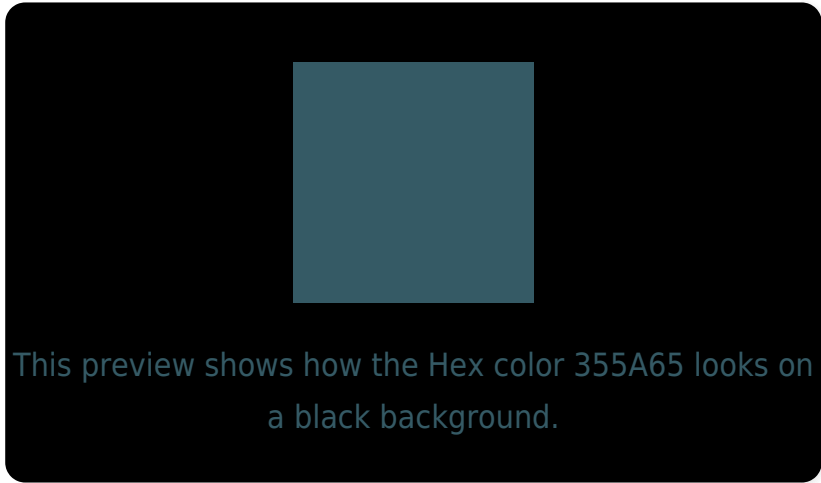
Large Text (above 18pt) WCAG AA ✓ Pass

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

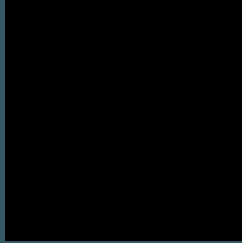
Any Text WCAG AA × Fail

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 355A65 Background



This preview shows how black text looks on a background with the Hex color 355A65.



This preview shows how white text looks on a background with the Hex color 355A65.

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
355A65

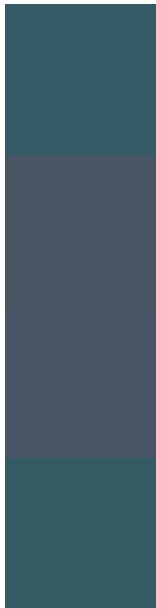
Protanopia
525461

Deuteranopia
535367



Tritanopia
345B62

Trichromacy



Original Color
355A65

Protanomaly
475662

Deuteranomaly
485666

Tritanomaly
345B63

Monochromacy



Original Color
355A65

Achromatopsia
505050

Achromatomaly
465458

CSS Examples

Text

The CSS property to change the color of the text to Hex 355A65 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 #355A65 looks like.

```
.text, #text, p{  
    color:#355A65  
}
```

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 #355A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355A65
}
```

Border

The CSS property to change the border of an element to Hex 355A65 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
#355A65 }
```

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

```
.border{ border-color:#355A65 }
```

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

Here you see how a box with a 4 pixel #355A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355A65; -webkit-box-shadow:4px 4px  
4px 4px #355A65; box-shadow:4px 4px 4px  
4px #355A65 }
```

Background

The CSS property to change the background color of an element to Hex 355A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355A65 }
```

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

```
.background{ background-color:#355A65 }
```

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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