

Converting Colors

Hex(355F6F)

Have a look what the booklet for
Hex(355F6F) contains.

Hex(355F6F)	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(355F6F)

Conversions

Conversions Part 1

Format	Color
Hex	355F6F
RGB	53, 95, 111
RGB Percent	21%, 37%, 44%
CMY	0.7922, 0.6275, 0.5647
CMYK	0.52, 0.14, 0.00, 0.56
HSL	197°, 35%, 32%
HSV	197°, 52%, 44%
XYZ	8.4297, 10.0890, 16.5420
YIQ	84.2660, -30.1680, -3.9280

Conversions

Conversions Part 2

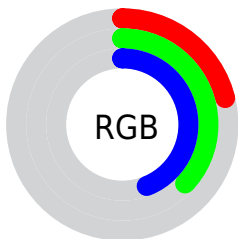
Format	Color
RYB	53, 77, 111
Decimal	3497839
CIELab	38.00, -9.79, -13.61
CIElCh	38, 16.766, 234.279
Yxy	10.0890, 0.2404, 0.2878
Android (android.graphics.Color)	4281687919 (0xFF355F6F)
YUV	84.2660, 13.1799, -27.4203
Hunter-Lab	31.7632, -8.2134, -8.6435

Details

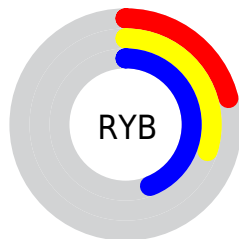
The Hex color **355F6F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4535**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6891A3**, and **00313F** is the 20% darker color. If you saturate the color by 10%, you get **2A5C6F**, and if you desaturate by 10%, it is **40626F**.

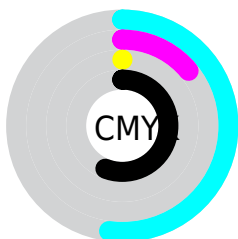
Distribution



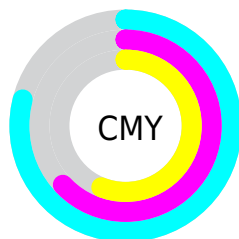
- Red (21%)
- Green (37%)
- Blue (44%)



- Red (21%)
- Yellow (30%)
- Blue (44%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355F6F 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 355F6F by changing the saturation by 10% instead.



355F6F



355F6F

FFFFFF



1B4757



6891A3



00313F



82ACBE



001C29



9DC7DA



000115



B9E3F6



000000



D5FFFF



F1FFFF



355F6F



355F6F



2A5C6F



40626F

■ 1F596F

■ 4B656F

■ 14566F

■ 56686F

■ 09536F

■ 616B6F

■ 00506F

■ 6D6E6F

■ 78716F

■ 83746F

■ 8E776F

■ 997B6F

Harmonies

Analogous

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



316164



355F6F



455B74

Triad

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



355F6F



72505D



585C41

Complementary

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



355F6F



6F4535

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.



66583F



355F6F



75504F

Square

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



355F6F



685269



705344



485F49

Rectangle

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



355F6F



525874



705344



5D5B3F

Sweetspot

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



355F6F



7A8B91



356F44



3C464A



C9C9C9



4A4A4A

Same Dimension

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



355F6F



367891



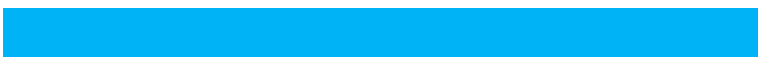
35436F



323738



005778



00B3F7

Inverse Universe

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



6F355F



913678



6F6135



383237



780057



F700B3

Previews

White Background



This preview shows how the Hex color 355F6F looks on a white background.

Color Contrast Check

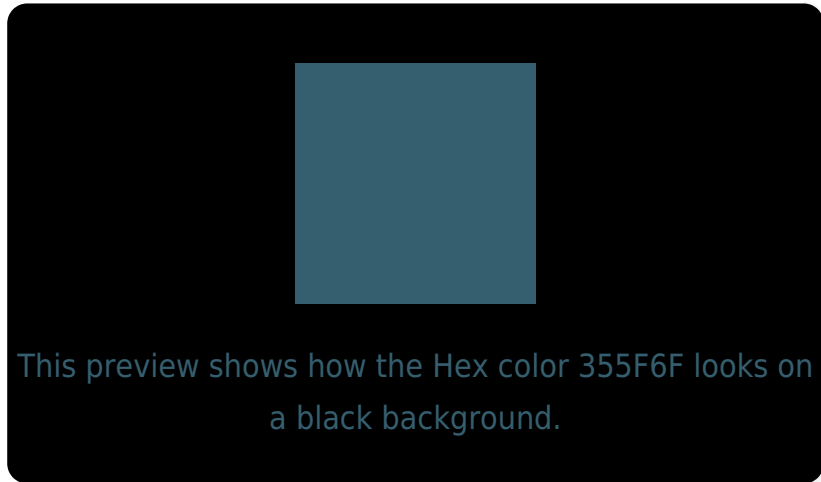
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

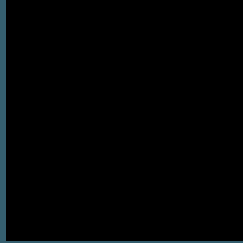
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

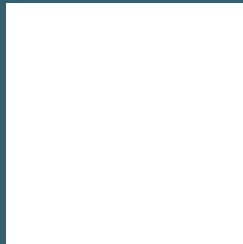
Any Text WCAG AAA × Fail

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

Hex 355F6F Background



This preview shows how black text looks on a background with the Hex color 355F6F.

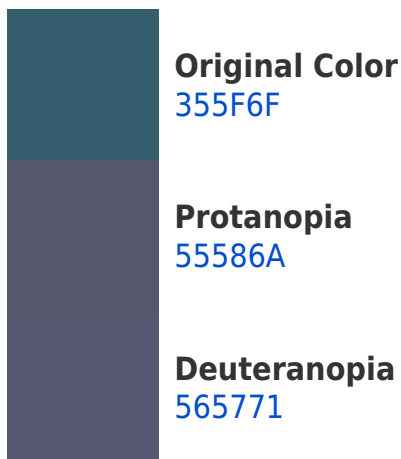


This preview shows how white text looks on a background with the Hex color 355F6F.

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](#).

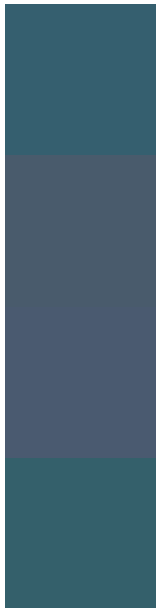
Dichromacy





Tritanopia
336068

Trichromacy



Original Color
355F6F

Protanomaly
495B6C

Deuteranomaly
4A5A70

Tritanomaly
34606B

Monochromacy



Original Color
355F6F

Achromatopsia
545454

Achromatomaly
49585E

CSS Examples

Text

The CSS property to change the color of the text to Hex 355F6F 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 #355F6F looks like.

```
.text, #text, p{  
    color:#355F6F  
}
```

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 #355F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355F6F
}
```

Border

The CSS property to change the border of an element to Hex 355F6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

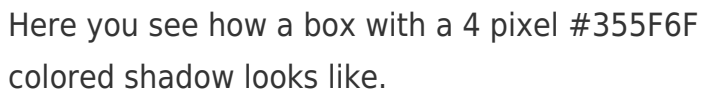
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#355F6F }
```

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

```
.border{ border-color:#355F6F }
```

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



Here you see how a box with a 4 pixel `#355F6F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355F6F; -webkit-box-shadow:4px 4px  
4px 4px #355F6F; box-shadow:4px 4px 4px  
4px #355F6F }
```

Background

The CSS property to change the background color of an element to Hex 355F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355F6F }
```

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

```
.background{ background-color:#355F6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor