

Converting Colors

Hex(335F77)

Have a look what the booklet for
Hex(335F77) contains.

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Color

Hex(335F77)

Conversions

Conversions Part 1

Format	Color
Hex	335F77
RGB	51, 95, 119
RGB Percent	20%, 37%, 47%
CMY	0.8000, 0.6275, 0.5333
CMYK	0.57, 0.20, 0.00, 0.53
HSL	201°, 40%, 33%
HSV	201°, 57%, 47%
XYZ	8.7872, 10.2201, 18.9623
YIQ	84.5800, -33.9280, -1.8640

Conversions

Conversions Part 2

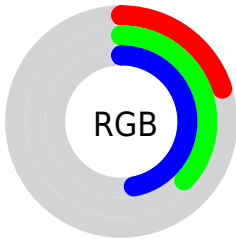
Format	Color
RYB	51, 78, 119
Decimal	3366775
CIELab	38.23, -7.68, -18.18
CIELCh	38, 19.737, 247.089
Yxy	10.2201, 0.2314, 0.2692
Android (android.graphics.Color)	4281556855 (0xFF335F77)
YUV	84.5800, 16.9691, -29.4497
Hunter-Lab	31.9689, -6.8818, -12.7895

Details

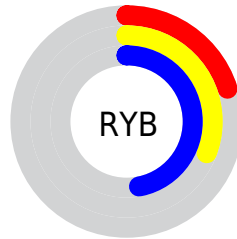
The Hex color **335F77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774B33**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6791AB**, and **003146** is the 20% darker color. If you saturate the color by 10%, you get **275B77**, and if you desaturate by 10%, it is **3F6377**.

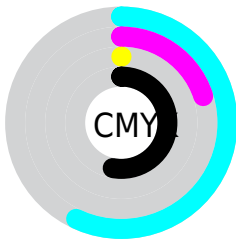
Distribution



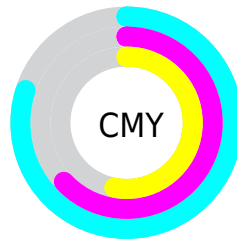
- Red (20%)
- Green (37%)
- Blue (47%)



- Red (20%)
- Yellow (31%)
- Blue (47%)



- Cyan (57%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335F77 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 335F77 by changing the saturation by 10% instead.

■ 335F77

■ 335F77

FFFFFF

■ 17475E

■ 6791AB

■ 003146

■ 81ACC7

■ 001C30

■ 9DC7E3

■ 00011B

■ B8E3FF

■ 000000

■ D5FFFF

■ F1FFFF

■ 335F77

■ 335F77

■ 275B77

■ 3F6377

■ 1B5777

■ 4B6777

■ 0F5277

■ 576C77

■ 034E77

■ 637077

■ 004D77

■ 6E7477

■ 7A7877

■ 867C77

■ 928177

■ 9E8577

Harmonies

Analogous

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



25626D



335F77



4B5A79

Triad

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



335F77



794E57



505F40

Complementary

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



335F77



774B33

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.



615A3A



335F77



785048

Square

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



335F77



715067



70553D



3D624D

Rectangle

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



335F77



5A5676



70553D



565D3D

Sweetspot

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



335F77



81929C



33774B



3F494F



CFCFCF



4F4F4F

Same Dimension

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



335F77



30769C



333D77



35393B



004F7A



00A2FA

Inverse Universe

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



77335F



9C3076



776D33



3B3539



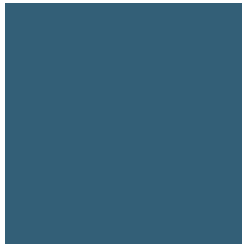
7A004F



FA00A2

Previews

White Background



This preview shows how the Hex color 335F77 looks on a white background.

Color Contrast Check

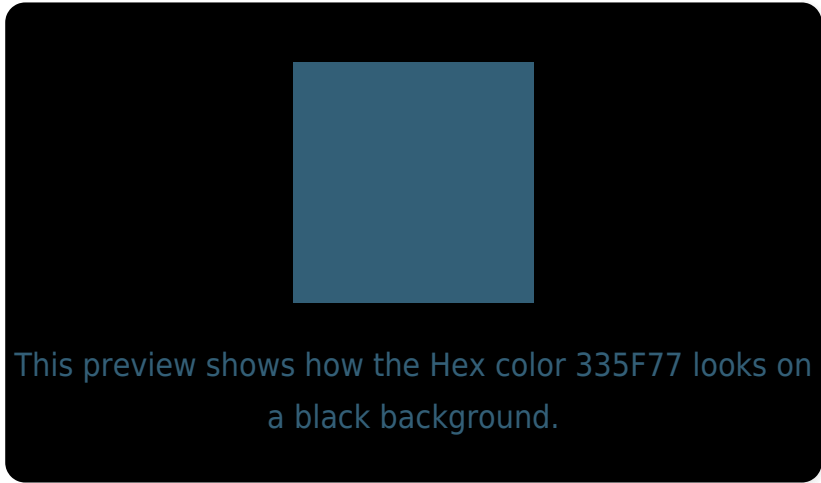
Large Text (above 18pt) WCAG AA ✓ Pass

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

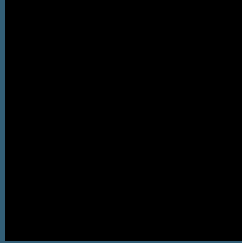
Any Text WCAG AA × Fail

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 335F77 Background



This preview shows how black text looks on a background with the Hex color 335F77.

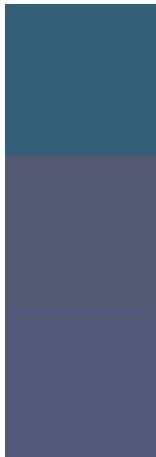


This preview shows how white text looks on a background with the Hex color 335F77.

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

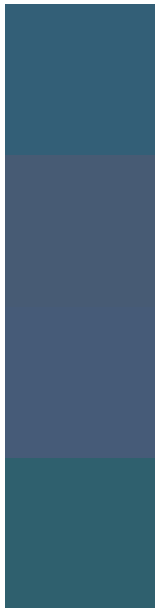


Original Color
335F77

Protanopia
535972

Deuteranopia
515878

Trichromacy



Original Color
335F77

Protanomaly
475B74

Deuteranomaly
465B78

Tritanomaly
2F606E

Monochromacy



Original Color
335F77

Achromatopsia
555555

Achromatomaly
495961

CSS Examples

Text

The CSS property to change the color of the text to Hex 335F77 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 #335F77 looks like.

```
.text, #text, p{  
    color:#335F77  
}
```

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 #335F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335F77
}
```

Border

The CSS property to change the border of an element to Hex 335F77 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
#335F77 }
```

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

```
.border{ border-color:#335F77 }
```

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

Here you see how a box with a 4 pixel #335F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335F77; -webkit-box-shadow:4px 4px  
4px 4px #335F77; box-shadow:4px 4px 4px  
4px #335F77 }
```

Background

The CSS property to change the background color of an element to Hex 335F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335F77 }
```

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

```
.background{ background-color:#335F77 }
```

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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