

Converting Colors

Hex(345C77)

Have a look what the booklet for
Hex(345C77) contains.

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Color

Hex(345C77)

Conversions

Conversions Part 1

Format	Color
Hex	345C77
RGB	52, 92, 119
RGB Percent	20%, 36%, 47%
CMY	0.7961, 0.6392, 0.5333
CMYK	0.56, 0.23, 0.00, 0.53
HSL	204°, 39%, 34%
HSV	204°, 56%, 47%
XYZ	8.5731, 9.7163, 18.8763
YIQ	83.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

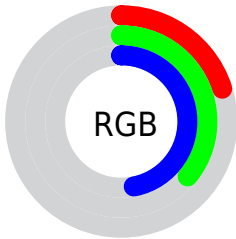
Format	Color
R _{YB}	52, 77, 119
Decimal	3431543
CIE Lab	37.33, -5.63, -19.57
CIE LCh	37, 20.367, 253.957
Yxy	9.7163, 0.2307, 0.2614
Android (android.graphics.Color)	4281621623 (0xFF345C77)
YUV	83.1180, 17.6898, -27.2905
Hunter-Lab	31.1709, -5.4554, -14.0849

Details

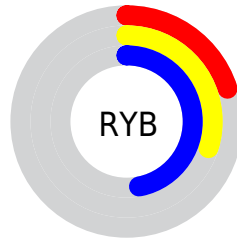
The Hex color **345C77** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **774F34**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **688EAB**, and **002E46** is the 20% darker color. If you saturate the color by 10%, you get **285777**, and if you desaturate by 10%, it is **406177**.

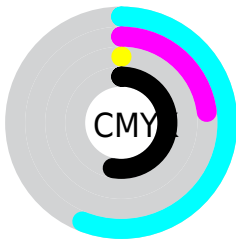
Distribution



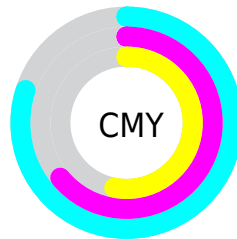
- Red (20%)
- Green (36%)
- Blue (47%)



- Red (20%)
- Yellow (30%)
- Blue (47%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345C77 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 345C77 by changing the saturation by 10% instead.

■ 345C77

■ 345C77

FFFFFF

■ 19455E

■ 688EAB

■ 002E46

■ 82A9C7

■ 001A30

■ 9DC4E3

■ 00011B

■ B9E0FF

■ 000000

■ D5FCFF

■ F2FFFF

■ 345C77

■ 345C77

■ 285777

■ 406177

■ 1C5277

■ 4C6677

■ 104E77

■ 586A77

■ 044977

■ 646F77

■ 004777

■ 6F7477

■ 7B7977

■ 877E77

■ 938277

■ 9F8777

Harmonies

Analogous

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



215F6E



345C77



4D5778

Triad

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



345C77



784C51



495E40

Complementary

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



345C77



774F34

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.



5B5938



345C77



754F42

Square

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



345C77



734C61



6B5439



35604E

Rectangle

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



345C77



5D5373



6B5439



4F5C3C

Sweetspot

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



345C77



81919C



34774F



3F494F



CFCFCF



4F4F4F

Same Dimension

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



345C77



32719C



343B77



35383B



00497A



0095FA

Inverse Universe

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



77345C



9C3271



777034



3B3538



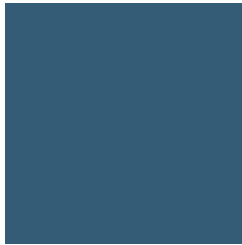
7A0049



FA0095

Previews

White Background



This preview shows how the Hex color 345C77 looks on a white background.

Color Contrast Check

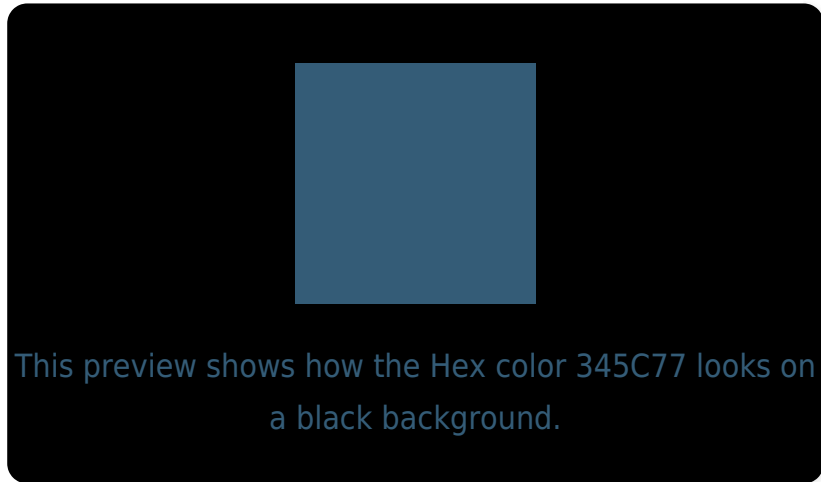
Large Text (above 18pt) WCAG AA ✓ Pass

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

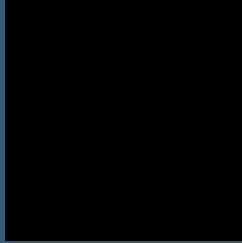
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

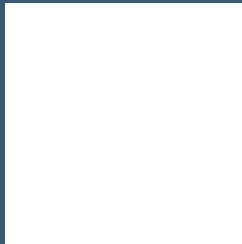
Any Text WCAG AAA × Fail

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

Hex 345C77 Background



This preview shows how black text looks on a background with the Hex color 345C77.



This preview shows how white text looks on a background with the Hex color 345C77.

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](#).

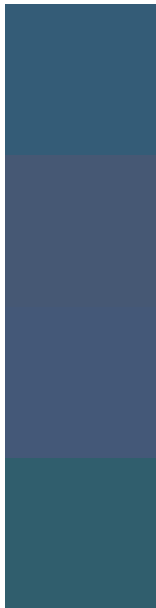
Dichromacy





Tritanopia
2E5F67

Trichromacy



Original Color
345C77

Protanomaly
465874

Deuteranomaly
445878

Tritanomaly
305E6D

Monochromacy



Original Color
345C77

Achromatopsia
535353

Achromatomaly
485660

CSS Examples

Text

The CSS property to change the color of the text to Hex 345C77 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 #345C77 looks like.

```
.text, #text, p{  
    color:#345C77  
}
```

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 #345C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345C77
}
```

Border

The CSS property to change the border of an element to Hex 345C77 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
#345C77 }
```

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

```
.border{ border-color:#345C77 }
```

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

Here you see how a box with a 4 pixel #345C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345C77; -webkit-box-shadow:4px 4px  
4px 4px #345C77; box-shadow:4px 4px 4px  
4px #345C77 }
```

Background

The CSS property to change the background color of an element to Hex 345C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345C77 }
```

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

```
.background{ background-color:#345C77 }
```

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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