

Converting Colors

Hex(345D69)

Have a look what the booklet for
Hex(345D69) contains.

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Color

Hex(345D69)

Conversions

Conversions Part 1

Format	Color
Hex	345D69
RGB	52, 93, 105
RGB Percent	20%, 36%, 41%
CMY	0.7961, 0.6353, 0.5882
CMYK	0.50, 0.11, 0.00, 0.59
HSL	194°, 34%, 31%
HSV	194°, 50%, 41%
XYZ	7.8803, 9.5787, 14.7981
YIQ	82.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

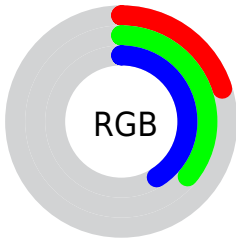
Format	Color
RYB	52, 75, 105
Decimal	3431785
CIELab	37.08, -10.75, -11.32
CIELCh	37, 15.609, 226.480
Yxy	9.5787, 0.2443, 0.2969
Android (android.graphics.Color)	4281621865 (0xFF345D69)
YUV	82.1090, 11.2853, -26.4056
Hunter-Lab	30.9495, -8.7120, -6.6842

Details

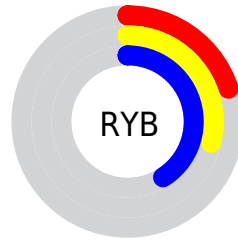
The Hex color **345D69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694034**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **668F9C**, and **002F3A** is the 20% darker color. If you saturate the color by 10%, you get **2A5B69**, and if you desaturate by 10%, it is **3F5F69**.

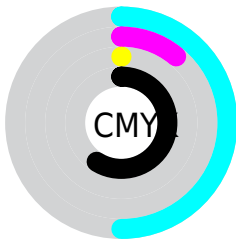
Distribution



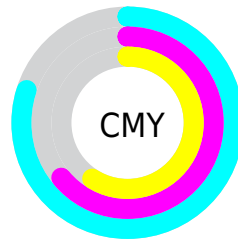
- Red (20%)
- Green (36%)
- Blue (41%)



- Red (20%)
- Yellow (29%)
- Blue (41%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (59%)



- Cyan (80%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345D69 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 345D69 by changing the saturation by 10% instead.

 345D69

 345D69

FFFFFF

 1A4551

 668F9C

 002F3A

 80AAB7

 001B24

 9BC5D3

 00010F

 B7E1EF

 000000

 D3FEFF

 EFFFFFF

 345D69

 345D69

 2A5B69

 3F5F69

■ 1F5869

■ 496269

■ 145669

■ 546469

■ 0A5369

■ 5E6769

■ 005169

■ 696969

■ 736B69

■ 7E6E69

■ 887069

■ 937269

Harmonies

Analogous

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



335E5E



345D69



405A6F

Triad

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



345D69



6D4F5D



59593F

Complementary

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



345D69



694034

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.



66543F



345D69



714E51

Square

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



345D69



625269



6E5146



4B5C46

Rectangle

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



345D69



4C5770



6E5146



5E573E

Sweetspot

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



345D69



75858A



34693F



384245



C4C4C4



454545

Same Dimension

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



345D69



36778A



344369



303436



005B75



00BDF5

Inverse Universe

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



69345D



8A3677



695A34



363034



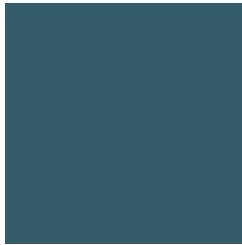
75005B



F500BD

Previews

White Background



This preview shows how the Hex color 345D69 looks on a white background.

Color Contrast Check

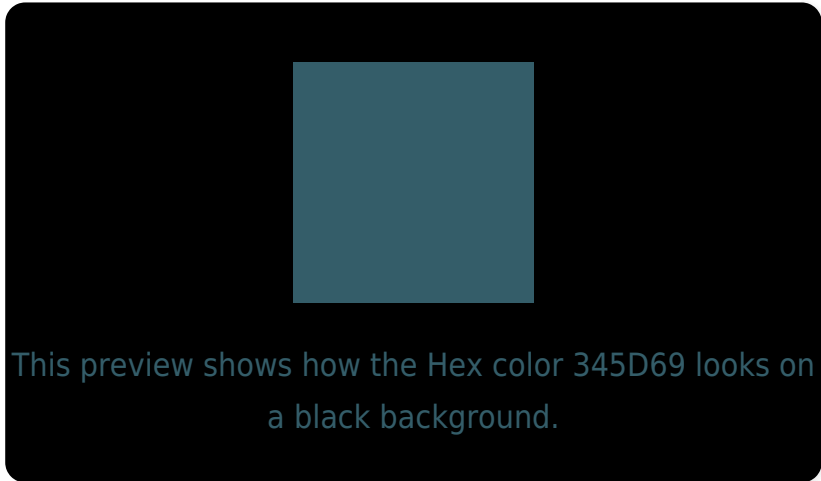
Large Text (above 18pt) WCAG AA ✓ Pass

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

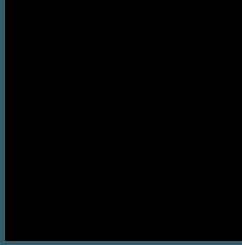
Any Text WCAG AA × Fail

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 345D69 Background



This preview shows how black text looks on a background with the Hex color 345D69.

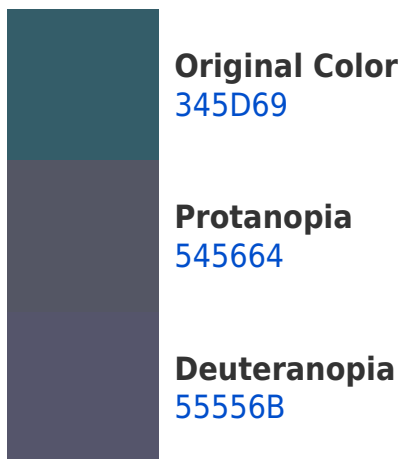



This preview shows how white text looks on a background with the Hex color 345D69.

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](#).

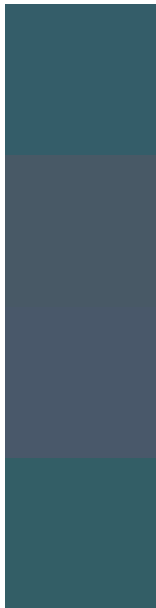
Dichromacy





Tritanopia
335E65

Trichromacy



Original Color
345D69

Protanomaly
485966

Deuteranomaly
49586A

Tritanomaly
335E66

Monochromacy



Original Color
345D69

Achromatopsia
525252

Achromatomaly
47565A

CSS Examples

Text

The CSS property to change the color of the text to Hex 345D69 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 #345D69 looks like.

```
.text, #text, p{  
    color:#345D69  
}
```

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 #345D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345D69
}
```

Border

The CSS property to change the border of an element to Hex 345D69 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
#345D69 }
```

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

```
.border{ border-color:#345D69 }
```

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

Here you see how a box with a 4 pixel #345D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345D69; -webkit-box-shadow:4px 4px  
4px 4px #345D69; box-shadow:4px 4px 4px  
4px #345D69 }
```

Background

The CSS property to change the background color of an element to Hex 345D69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345D69 }
```

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

```
.background{ background-color:#345D69 }
```

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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