

Converting Colors

Hex(345764)

Have a look what the booklet for
Hex(345764) contains.

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Color

Hex(345764)

Conversions

Conversions Part 1

Format	Color
Hex	345764
RGB	52, 87, 100
RGB Percent	20%, 34%, 39%
CMY	0.7961, 0.6588, 0.6078
CMYK	0.48, 0.13, 0.00, 0.61
HSL	196°, 32%, 30%
HSV	196°, 48%, 39%
XYZ	7.1246, 8.4666, 13.3153
YIQ	78.0170, -25.0330, -3.3770

Conversions

Conversions Part 2

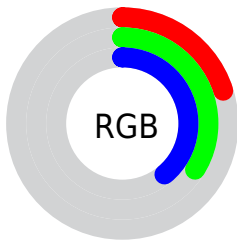
Format	Color
RYB	52, 72, 100
Decimal	3430244
CIELab	34.94, -8.73, -11.45
CIELCh	35, 14.401, 232.669
Yxy	8.4666, 0.2465, 0.2929
Android (android.graphics.Color)	4281620324 (0xFF345764)
YUV	78.0170, 10.8376, -22.8169
Hunter-Lab	29.0973, -7.2138, -6.7637




Details

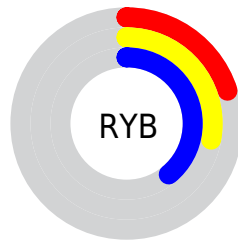
The Hex color **345764** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644134**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **668997**, and **002A35** is the 20% darker color. If you saturate the color by 10%, you get **2A5464**, and if you desaturate by 10%, it is **3E5A64**.

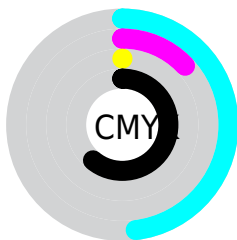
Distribution







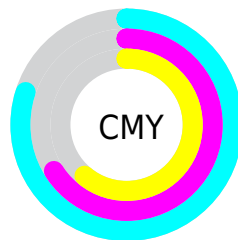
-  Red (20%)
-  Green (34%)
-  Blue (39%)






-  Red (20%)
-  Yellow (28%)
-  Blue (39%)



-  Cyan (48%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (80%)
-  Magenta (66%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345764 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 345764 by changing the saturation by 10% instead.

■ 345764

■ 345764

FFFFFF

■ 1B404C

■ 668997

■ 002A35

■ 7FA3B2

■ 001620

■ 9ABECD

■ 000007

■ B5DAE9

■ 000000

■ D1F6FF

■ EEEFFF

■ 345764

■ 345764

■ 2A5464

■ 3E5A64

■ 205264

■ 485C64

■ 164F64

■ 525F64

■ 0C4C64

■ 5C6264

■ 024964

■ 666564

■ 004964

■ 706764

■ 7A6A64

■ 846D64

■ 8E6F64

Harmonies

Analogous

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



31595B



345764



405469

Triad

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



345764



674A55



51543D

Complementary

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



345764



644134

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.



5D503C



345764



6A4A4A

Square

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



345764



5E4C60



664D40



445744

Rectangle

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



345764



4B5268



664D40



56533C

Sweetspot

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



345764



707D82



346441



373F42



C2C2C2



424242

Same Dimension

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



345764



376E82



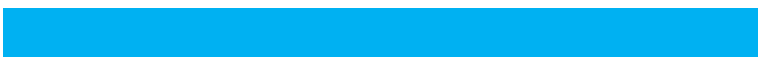
343F64



2E3233



005473



00B1F2

Inverse Universe

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



643457



82376E



645934



332E32



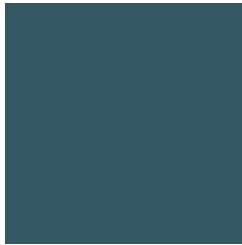
730054



F200B1

Previews

White Background



This preview shows how the Hex color 345764 looks on a white background.

Color Contrast Check

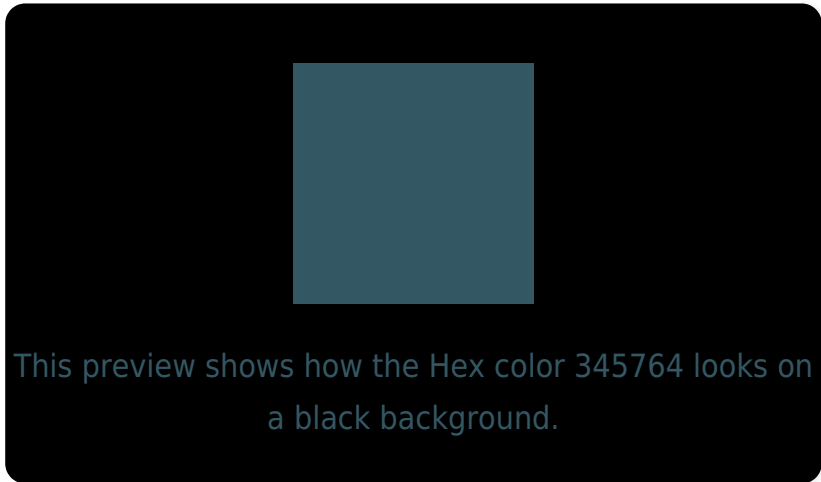
Large Text (above 18pt) WCAG AA ✓ Pass

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

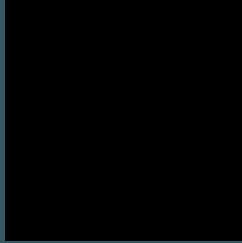
Any Text WCAG AA × Fail

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 345764 Background



This preview shows how black text looks on a background with the Hex color 345764.

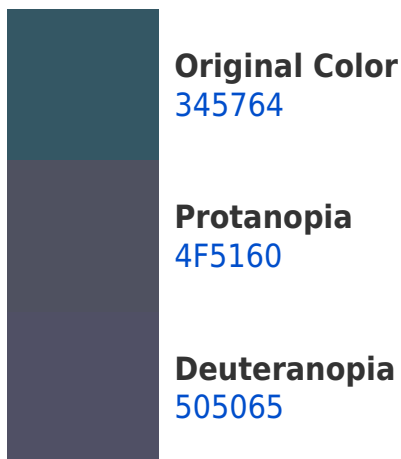



This preview shows how white text looks on a background with the Hex color 345764.

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](#).

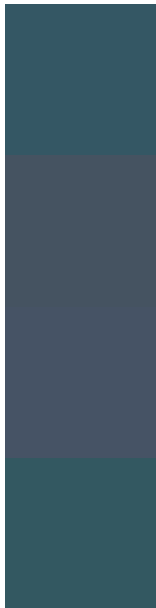
Dichromacy





Tritanopia
32585F

Trichromacy



Original Color

345764

Protanomaly

455361

Deuteranomaly

465365

Tritanomaly

335861

Monochromacy



Original Color

345764

Achromatopsia

4E4E4E

Achromatomaly

455156

CSS Examples

Text

The CSS property to change the color of the text to Hex 345764 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 #345764 looks like.

```
.text, #text, p{  
    color:#345764  
}
```

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 #345764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345764
}
```

Border

The CSS property to change the border of an element to Hex 345764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

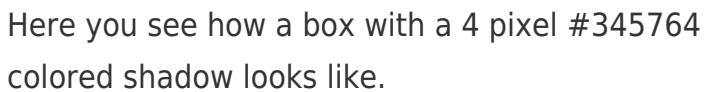
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#345764 }
```

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

```
.border{ border-color:#345764 }
```

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



Here you see how a box with a 4 pixel #345764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345764; -webkit-box-shadow:4px 4px  
4px 4px #345764; box-shadow:4px 4px 4px  
4px #345764 }
```

Background

The CSS property to change the background color of an element to Hex 345764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345764 }
```

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

```
.background{ background-color:#345764 }
```

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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