

Converting Colors

Hex(345864)

Have a look what the booklet for
Hex(345864) contains.

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Color

Hex(345864)

Conversions

Conversions Part 1

Format	Color
Hex	345864
RGB	52, 88, 100
RGB Percent	20%, 35%, 39%
CMY	0.7961, 0.6549, 0.6078
CMYK	0.48, 0.12, 0.00, 0.61
HSL	195°, 32%, 30%
HSV	195°, 48%, 39%
XYZ	7.2061, 8.6296, 13.3425
YIQ	78.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

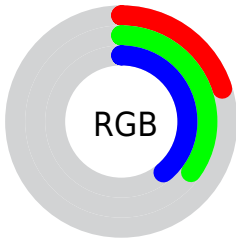
Format	Color
RYB	52, 73, 100
Decimal	3430500
CIELab	35.26, -9.33, -10.96
CIELCh	35, 14.394, 229.581
Yxy	8.6296, 0.2470, 0.2958
Android (android.graphics.Color)	4281620580 (0xFF345864)
YUV	78.6040, 10.5482, -23.3317
Hunter-Lab	29.3762, -7.6213, -6.3658

Details

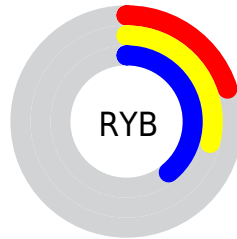
The Hex color **345864** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644034**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **668A97**, and **002B35** is the 20% darker color. If you saturate the color by 10%, you get **2A5664**, and if you desaturate by 10%, it is **3E5B64**.

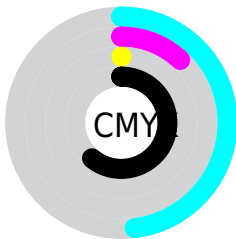
Distribution



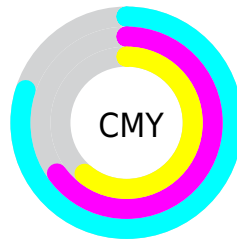
- Red (20%)
- Green (35%)
- Blue (39%)



- Red (20%)
- Yellow (29%)
- Blue (39%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345864 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 345864 by changing the saturation by 10% instead.

 345864

 345864

FFFFFF

 1B414C

 668A97

 002B35

 80A4B2

 001720

 9ABFCD

 000007

 B5DBE9

 000000

 D1F8FF

 EEEFFF

 345864

 345864

 2A5664

 3E5B64

■ 205364

■ 485D64

■ 165164

■ 526064

■ 0C4E64

■ 5C6264

■ 024C64

■ 666564

■ 004B64

■ 706764

■ 7A6A64

■ 846C64

■ 8E6F64

Harmonies

Analogous

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



32595A



345864



405569

Triad

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



345864



674B57



54553D

Complementary

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



345864



644034

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.



5F513D



345864



6A4B4C

Square

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



345864



5E4E62



674D42



465744

Rectangle

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



345864



4A5369



674D42



58533C

Sweetspot

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



345864



707D82



346440



373F42



C2C2C2



424242

Same Dimension

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



345864



376F82



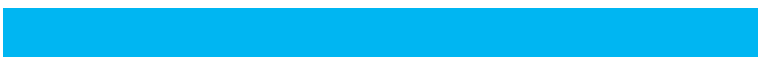
344064



2E3233



005673



00B6F2

Inverse Universe

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



643458



82376F



645834



332E32



730056



F200B6

Previews

White Background



This preview shows how the Hex color 345864 looks on a white background.

Color Contrast Check

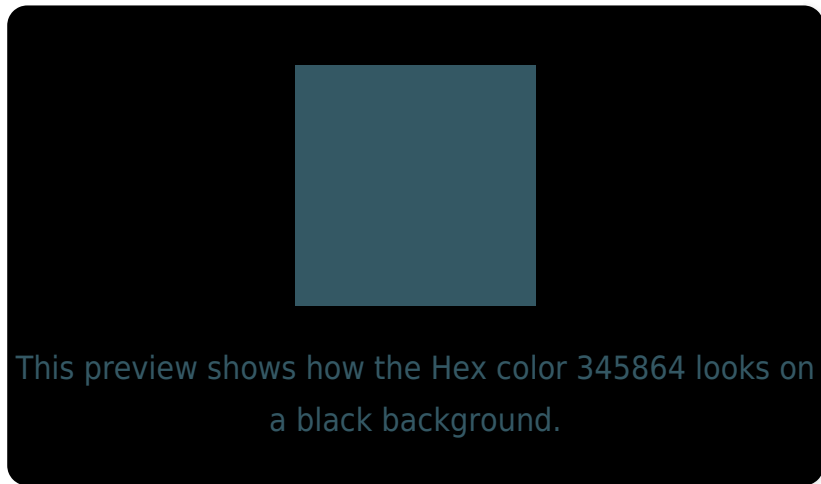
Large Text (above 18pt) WCAG AA ✓ Pass

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

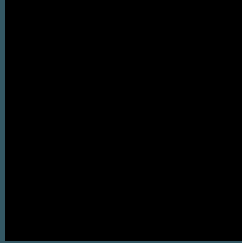
Any Text WCAG AA × Fail

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 345864 Background



This preview shows how black text looks on a background with the Hex color 345864.

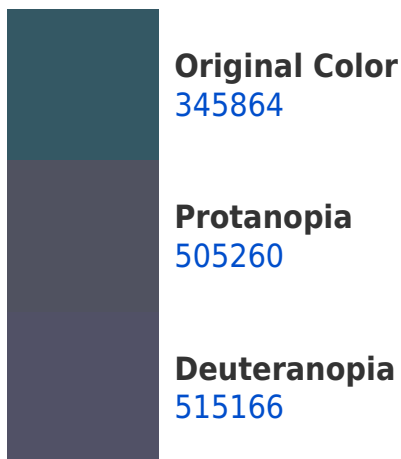



This preview shows how white text looks on a background with the Hex color 345864.

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](#).

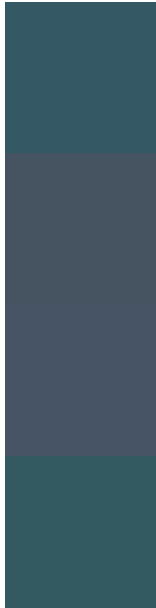
Dichromacy





Tritanopia
335960

Trichromacy



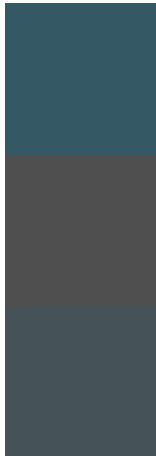
Original Color
345864

Protanomaly
465461

Deuteranomaly
465465

Tritanomaly
335961

Monochromacy



Original Color
345864

Achromatopsia
4F4F4F

Achromatomaly
455257

CSS Examples

Text

The CSS property to change the color of the text to Hex 345864 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 #345864 looks like.

```
.text, #text, p{  
    color:#345864  
}
```

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 #345864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345864
}
```

Border

The CSS property to change the border of an element to Hex 345864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

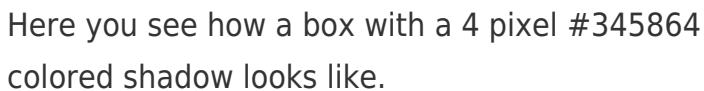
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#345864 }
```

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

```
.border{ border-color:#345864 }
```

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



Here you see how a box with a 4 pixel #345864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345864; -webkit-box-shadow:4px 4px  
4px 4px #345864; box-shadow:4px 4px 4px  
4px #345864 }
```

Background

The CSS property to change the background color of an element to Hex 345864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345864 }
```

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

```
.background{ background-color:#345864 }
```

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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