

Converting Colors

Hex(345976)

Have a look what the booklet for
Hex(345976) contains.

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Color

Hex(345976)

Conversions

Conversions Part 1

Format	Color
Hex	345976
RGB	52, 89, 118
RGB Percent	20%, 35%, 46%
CMY	0.7961, 0.6510, 0.5373
CMYK	0.56, 0.25, 0.00, 0.54
HSL	206°, 39%, 33%
HSV	206°, 56%, 46%
XYZ	8.2586, 9.1828, 18.4767
YIQ	81.2430, -31.3610, 1.1750

Conversions

Conversions Part 2

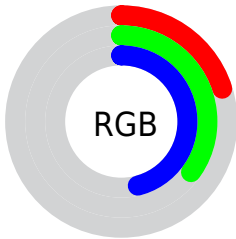
Format	Color
RYB	52, 76, 118
Decimal	3430774
CIELab	36.33, -4.12, -20.50
CIELCh	36, 20.905, 258.637
Yxy	9.1828, 0.2299, 0.2557
Android (android.graphics.Color)	4281620854 (0xFF345976)
YUV	81.2430, 18.1212, -25.6461
Hunter-Lab	30.3032, -4.3837, -14.9386

Details

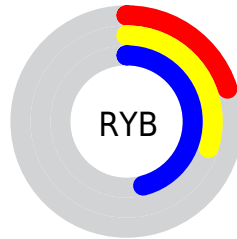
The Hex color **345976** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **765134**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **688BAA**, and **002C46** is the 20% darker color. If you saturate the color by 10%, you get **285476**, and if you desaturate by 10%, it is **405E76**.

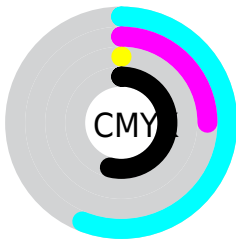
Distribution



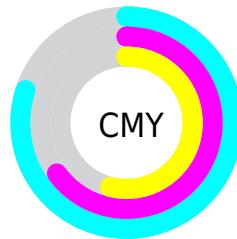
- Red (20%)
- Green (35%)
- Blue (46%)



- Red (20%)
- Yellow (30%)
- Blue (46%)



- Cyan (56%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345976 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 345976 by changing the saturation by 10% instead.



345976



345976

FFFFFF



19425D



688BAA



002C46



82A5C6



00172F



9DC0E2



00011A



B9DCFE



000000



D5F9FF



F2FFFF



345976



345976



285476



405E76

■ 1C4F76

■ 4C6376

■ 114976

■ 576976

■ 054476

■ 636E76

■ 004276

■ 6F7376

■ 7B7876

■ 877D76

■ 928276

■ 9E8876

Harmonies

Analogous

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



1D5D6E



345976



4E5375

Triad

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



345976



77494C



435C3F

Complementary

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



345976



765134

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.



565835



345976



724D3D

Square

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



345976



72495D



675235



2F5E4E

Rectangle

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



345976



5E4F70



675235



4A5B3B

Sweetspot

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



345976



7F8E99



347651



3D464D



CCCCCC



4D4D4D

Same Dimension

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



345976



326C99



343876



35383B



00457A



008CFA

Inverse Universe

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



763459



99326C



767234



3B3538



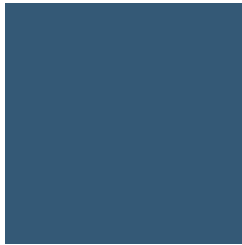
7A0045



FA008C

Previews

White Background



This preview shows how the Hex color 345976 looks on a white background.

Color Contrast Check

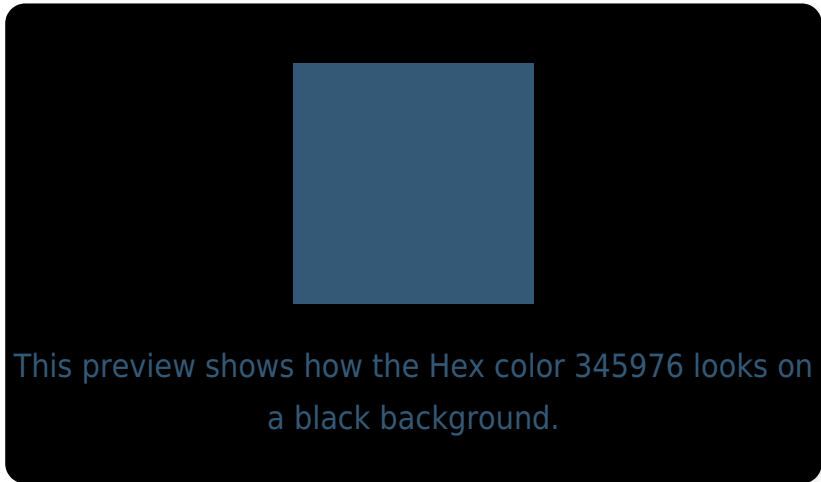
Large Text (above 18pt) WCAG AA ✓ Pass

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

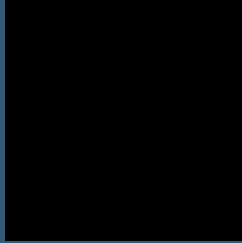
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

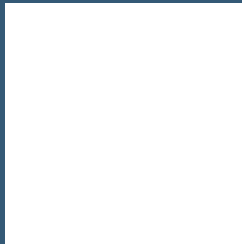
Any Text WCAG AAA × Fail

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

Hex 345976 Background



This preview shows how black text looks on a background with the Hex color 345976.



This preview shows how white text looks on a background with the Hex color 345976.

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](#).

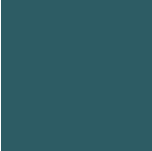
Dichromacy



Original Color
345976

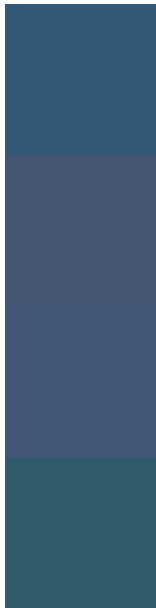
Protanopia
4D5472

Deuteranopia
4A5477



Tritanopia
2D5C64

Trichromacy



Original Color
345976

Protanomaly
445673

Deuteranomaly
425677

Tritanomaly
305B6B

Monochromacy



Original Color
345976

Achromatopsia
515151

Achromatomaly
46545E

CSS Examples

Text

The CSS property to change the color of the text to Hex 345976 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 #345976 looks like.

```
.text, #text, p{  
  color:#345976  
}
```

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 #345976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345976
}
```

Border

The CSS property to change the border of an element to Hex 345976 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
#345976 }
```

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

```
.border{ border-color:#345976 }
```

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

Here you see how a box with a 4 pixel #345976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345976; -webkit-box-shadow:4px 4px  
4px 4px #345976; box-shadow:4px 4px 4px  
4px #345976 }
```

Background

The CSS property to change the background color of an element to Hex 345976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345976 }
```

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

```
.background{ background-color:#345976 }
```

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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