

Converting Colors

Hex(346384)

Have a look what the booklet for
Hex(346384) contains.

Hex(346384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(346384)

Conversions

Conversions Part 1

Format	Color
Hex	346384
RGB	52, 99, 132
RGB Percent	20%, 39%, 52%
CMY	0.7961, 0.6118, 0.4824
CMYK	0.61, 0.25, 0.00, 0.48
HSL	205°, 43%, 36%
HSV	205°, 61%, 52%
XYZ	10.0429, 11.3197, 23.4854
YIQ	88.7090, -38.6050, 0.2990

Conversions

Conversions Part 2

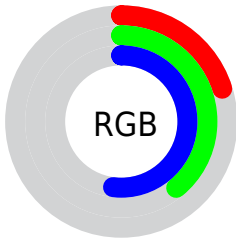
Format	Color
RYB	52, 82, 132
Decimal	3433348
CIELab	40.11, -5.49, -23.20
CIELCh	40, 23.836, 256.684
Yxy	11.3197, 0.2239, 0.2524
Android (android.graphics.Color)	4281623428 (0xFF346384)
YUV	88.7090, 21.3425, -32.1938
Hunter-Lab	33.6447, -5.5965, -17.8355




Details

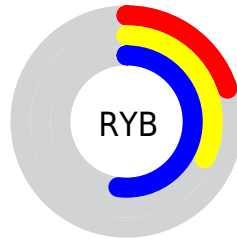
The Hex color **346384** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **845534**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **6A96B9**, and **003552** is the 20% darker color. If you saturate the color by 10%, you get **275E84**, and if you desaturate by 10%, it is **416884**.

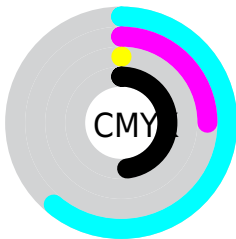
Distribution







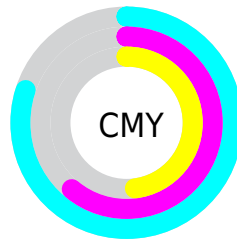
-  Red (20%)
-  Green (39%)
-  Blue (52%)






-  Red (20%)
-  Yellow (32%)
-  Blue (52%)



-  Cyan (61%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (80%)
-  Magenta (61%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346384 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 346384 by changing the saturation by 10% instead.



346384



346384

FFFFFF



164B6B



6A96B9



003552



85B0D5



00203B



A0CCF1



000326



BCE8FF



00010E



D9FFFF



000000



F6FFFF



346384



346384



275E84



416884

■ 1A5884

■ 4E6E84

■ 0C5384

■ 5C7384

■ 004E84

■ 697984

■ 767E84

■ 838484

■ 908984

■ 9E8F84

■ AB9484

Harmonies

Analogous

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



16677A



346384



545D84

Triad

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



346384



855054



4B6643

Complementary

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



346384



845534

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.



616139



346384



805443

Square

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



346384



7F5068



735A39



326855

Rectangle

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



346384



67587E



735A39



52643F

Sweetspot

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



346384



8C9EAB



348454



444F57



D6D6D6



575757

Same Dimension

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



346384



2E77AB



343C84



3C4042



004C82



000103

Inverse Universe

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



843463



AB2E77



847C34



423C40



82004C



030001

Previews

White Background



This preview shows how the Hex color 346384 looks on a white background.

Color Contrast Check

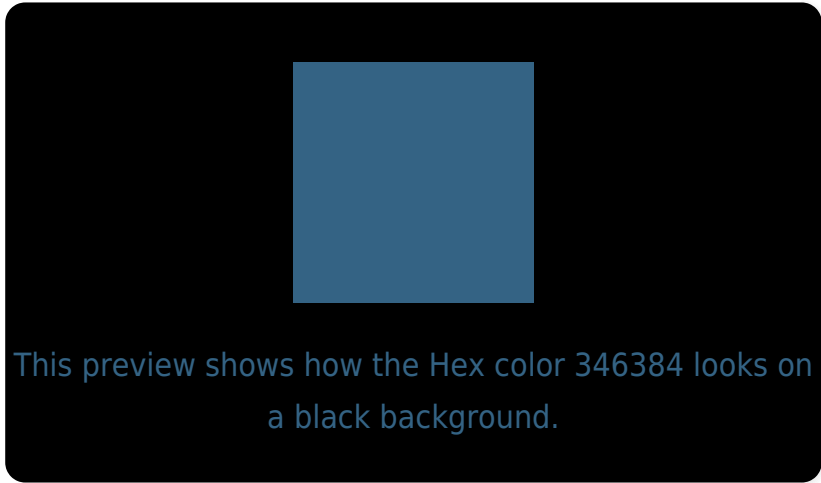
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

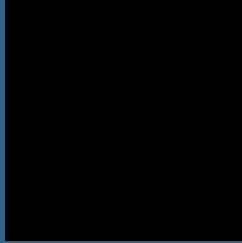
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

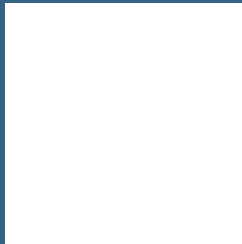
Any Text WCAG AAA × Fail

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

Hex 346384 Background



This preview shows how black text looks on a background with the Hex color 346384.

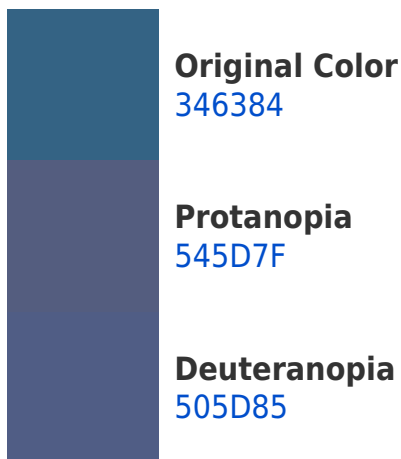



This preview shows how white text looks on a background with the Hex color 346384.

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](#).

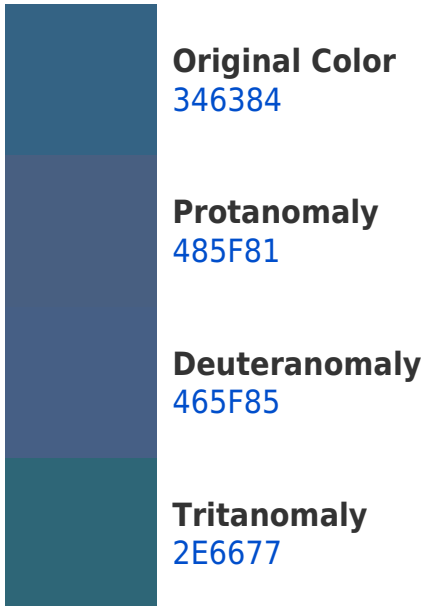
Dichromacy



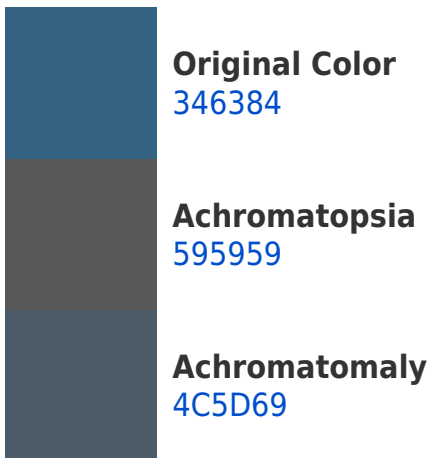


Tritanopia
2B676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346384 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 #346384 looks like.

```
.text, #text, p{  
    color:#346384  
}
```

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 #346384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346384
}
```

Border

The CSS property to change the border of an element to Hex 346384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

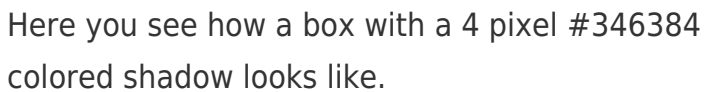
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#346384 }
```

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

```
.border{ border-color:#346384 }
```

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



Here you see how a box with a 4 pixel #346384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346384; -webkit-box-shadow:4px 4px  
4px 4px #346384; box-shadow:4px 4px 4px  
4px #346384 }
```

Background

The CSS property to change the background color of an element to Hex 346384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346384 }
```

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

```
.background{ background-color:#346384 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor