

Converting Colors

Hex(346786)

Have a look what the booklet for
Hex(346786) contains.

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Color

Hex(346786)

Conversions

Conversions Part 1

Format	Color
Hex	346786
RGB	52, 103, 134
RGB Percent	20%, 40%, 53%
CMY	0.7961, 0.5961, 0.4745
CMYK	0.61, 0.23, 0.00, 0.47
HSL	203°, 44%, 36%
HSV	203°, 61%, 53%
XYZ	10.5695, 12.1518, 24.3427
YIQ	91.2850, -40.3470, -1.1710

Conversions

Conversions Part 2

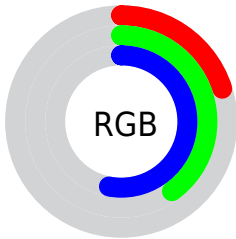
Format	Color
RYB	52, 83, 134
Decimal	3434374
CIELab	41.46, -7.22, -22.32
CIELCh	41, 23.460, 252.087
Yxy	12.1518, 0.2246, 0.2582
Android (android.graphics.Color)	4281624454 (0xFF346786)
YUV	91.2850, 21.0585, -34.4529
Hunter-Lab	34.8594, -6.8822, -17.0013

Details

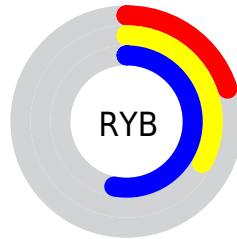
The Hex color **346786** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **865334**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6A9ABB**, and **003854** is the 20% darker color. If you saturate the color by 10%, you get **276286**, and if you desaturate by 10%, it is **416C86**.

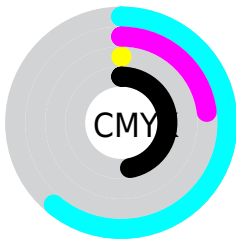
Distribution



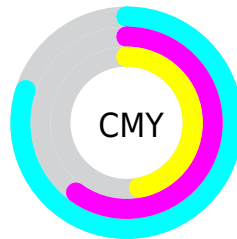
- Red (20%)
- Green (40%)
- Blue (53%)



- Red (20%)
- Yellow (33%)
- Blue (53%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (80%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346786 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 346786 by changing the saturation by 10% instead.

■ 346786

■ 346786

FFFFFF

■ 154F6D

■ 6A9ABB

■ 003854

■ 85B5D7

■ 00233D

■ A1D0F4

■ 000C27

■ BDEDFF

■ 000111

■ D9FFFF

■ 000000

■ F6FFFF

■ 346786

■ 346786

■ 276286

■ 416C86

■ 195D86

■ 4F7186

■ 0C5886

■ 5C7686

■ 005386

■ 6A7B86

■ 778086

■ 848586

■ 928A86

■ 9F9086

■ AD9586

Harmonies

Analogous

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



1C6B7B



346786



536187

Triad

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



346786



88535B



526845

Complementary

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



346786



865334

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.



67633C



346786



855649

Square

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



346786



80556E



795D3D



3A6B55

Rectangle

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



346786



665C82



795D3D



596741

Sweetspot

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



346786



8EA2AD



348652



444F57



D6D6D6



575757

Same Dimension

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



346786



2F7EAD



343F86



3C4042



005182



000203

Inverse Universe

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



863467



AD2F7E



867B34



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 346786 looks on a white background.

Color Contrast Check

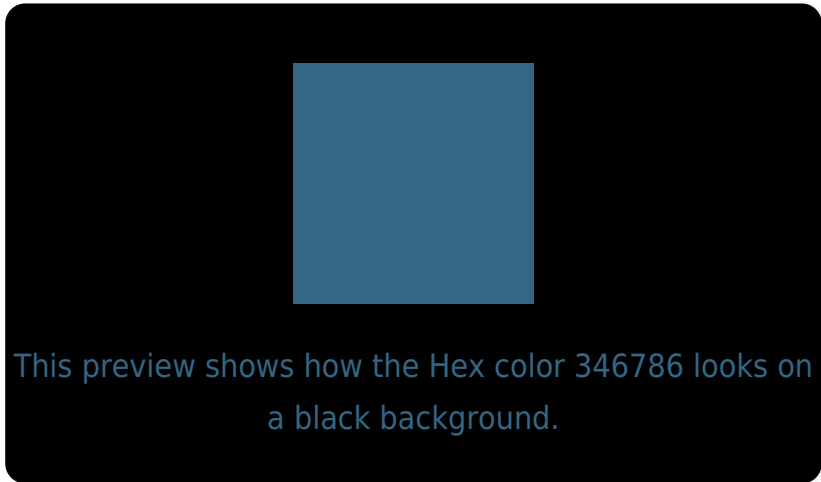
Large Text (above 18pt) WCAG AA ✓ Pass

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

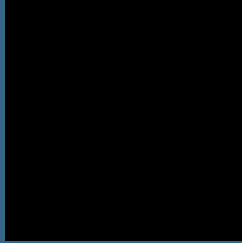
Any Text WCAG AA × Fail

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 346786 Background



This preview shows how black text looks on a background with the Hex color 346786.

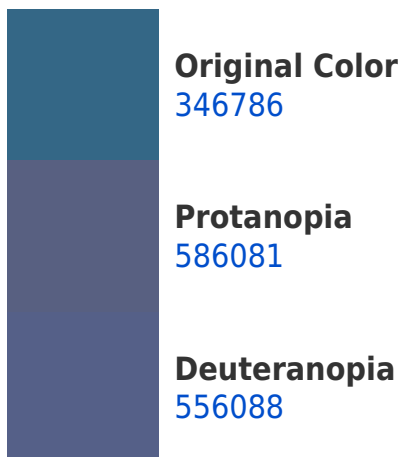



This preview shows how white text looks on a background with the Hex color 346786.

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](#).

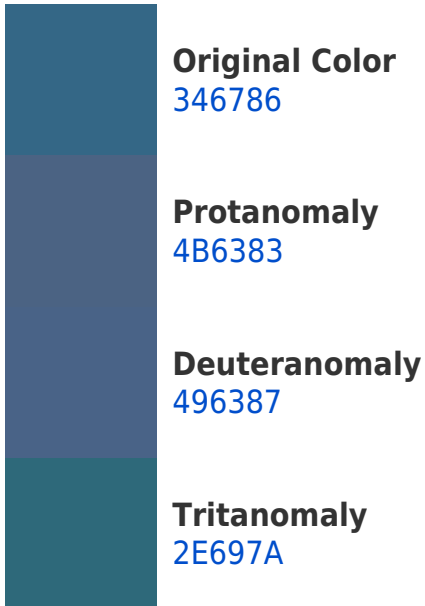
Dichromacy



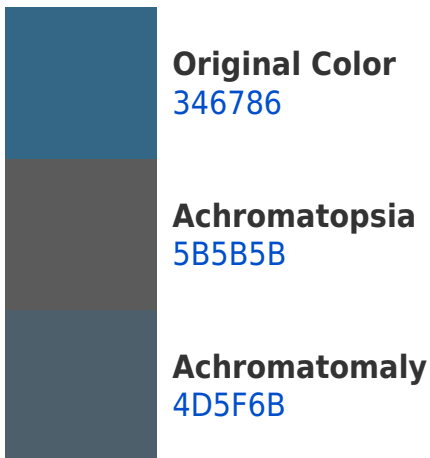


Tritanopia
2B6A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 346786 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 #346786 looks like.

```
.text, #text, p{  
    color:#346786  
}
```

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 #346786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346786
}
```

Border

The CSS property to change the border of an element to Hex 346786 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
#346786 }
```

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

```
.border{ border-color:#346786 }
```

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

Here you see how a box with a 4 pixel #346786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346786; -webkit-box-shadow:4px 4px  
4px 4px #346786; box-shadow:4px 4px 4px  
4px #346786 }
```

Background

The CSS property to change the background color of an element to Hex 346786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346786 }
```

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

```
.background{ background-color:#346786 }
```

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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