

Converting Colors

Hex(346982)

Have a look what the booklet for
Hex(346982) contains.

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Color

Hex(346982)

Conversions

Conversions Part 1

Format	Color
Hex	346982
RGB	52, 105, 130
RGB Percent	20%, 41%, 51%
CMY	0.7961, 0.5882, 0.4902
CMYK	0.60, 0.19, 0.00, 0.49
HSL	199°, 43%, 36%
HSV	199°, 60%, 51%
XYZ	10.4970, 12.4449, 22.9680
YIQ	92.0030, -39.6130, -3.4610

Conversions

Conversions Part 2

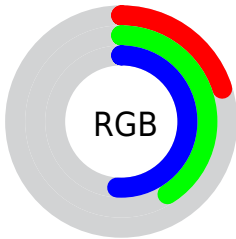
Format	Color
RYB	52, 84, 130
Decimal	3434882
CIELab	41.91, -9.74, -19.20
CIElCh	42, 21.533, 243.100
Yxy	12.4449, 0.2286, 0.2711
Android (android.graphics.Color)	4281624962 (0xFF346982)
YUV	92.0030, 18.7325, -35.0826
Hunter-Lab	35.2774, -8.6215, -13.9077

Details

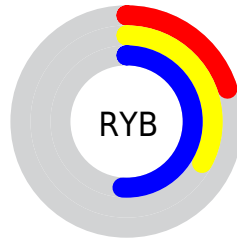
The Hex color **346982** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **824D34**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6A9CB7**, and **003A51** is the 20% darker color. If you saturate the color by 10%, you get **276582**, and if you desaturate by 10%, it is **416D82**.

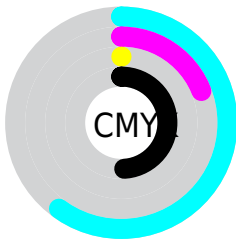
Distribution



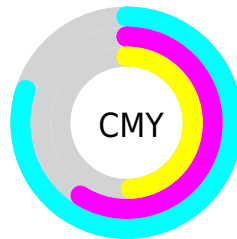
- Red (20%)
- Green (41%)
- Blue (51%)



- Red (20%)
- Yellow (33%)
- Blue (51%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (80%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346982 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 346982 by changing the saturation by 10% instead.

■ 346982

■ 346982

FFFFFF

■ 165169

■ 6A9CB7

■ 003A51

■ 85B7D3

■ 00243A

■ A0D3EF

■ 000F24

■ BCEFFF

■ 00010D

■ D9FFFF

■ 000000

■ F6FFFF

■ 346982

■ 346982

■ 276582

■ 416D82

■ 1A6182

■ 4E7182

■ 0D5C82

■ 5B7582

■ 005882

■ 687A82

■ 757E82

■ 828282

■ 8F8682

■ 9C8A82

■ A98F82

Harmonies

Analogous

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



276C76



346982



4E6486

Triad

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



346982



855662



5A6845

Complementary

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



346982



824D34

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.



6D623F



346982



855750

Square

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



346982



7B5873



7C5C44



466B52

Rectangle

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



346982



606083



7C5C44



616642

Sweetspot

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



346982



8A9FA8



34824D



424E54



D4D4D4



545454

Same Dimension

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



346982



2F81A8



344282



393E40



005780



000000

Inverse Universe

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



823469



A82F81



827434



40393E



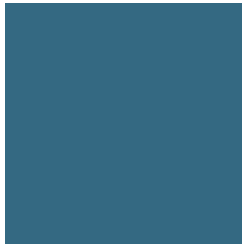
800057



000000

Previews

White Background



This preview shows how the Hex color 346982 looks on a white background.

Color Contrast Check

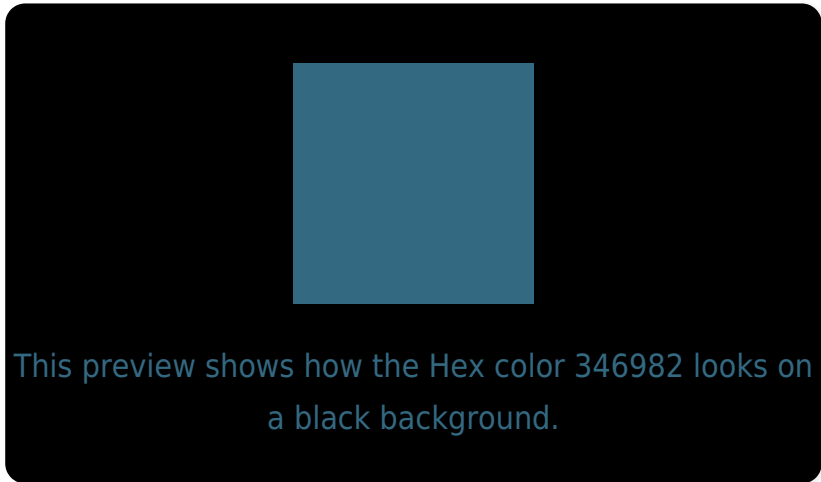
Large Text (above 18pt) WCAG AA ✓ Pass

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

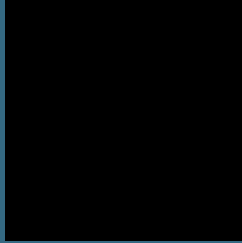
Any Text WCAG AA × Fail

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 346982 Background



This preview shows how black text looks on a background with the Hex color 346982.

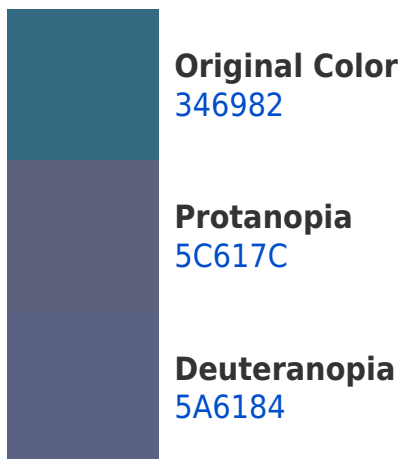


This preview shows how white text looks on a background with the Hex color 346982.

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](#).

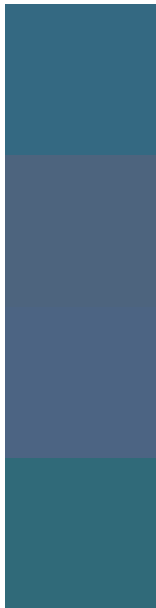
Dichromacy





Tritanopia
2E6B74

Trichromacy



Original Color

346982

Protanomaly

4D647E

Deuteranomaly

4C6483

Tritanomaly

306A79

Monochromacy



Original Color

346982

Achromatopsia

5C5C5C

Achromatomaly

4D616A

CSS Examples

Text

The CSS property to change the color of the text to Hex 346982 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 #346982 looks like.

```
.text, #text, p{  
    color:#346982  
}
```

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 #346982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346982
}
```

Border

The CSS property to change the border of an element to Hex 346982 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
#346982 }
```

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

```
.border{ border-color:#346982 }
```

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

Here you see how a box with a 4 pixel #346982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346982; -webkit-box-shadow:4px 4px  
4px 4px #346982; box-shadow:4px 4px 4px  
4px #346982 }
```

Background

The CSS property to change the background color of an element to Hex 346982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346982 }
```

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

```
.background{ background-color:#346982 }
```

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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