

# Converting Colors

Hex(346872)

Have a look what the booklet for  
Hex(346872) contains.

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# Color

Hex(346872)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	346872
RGB	52, 104, 114
RGB Percent	20%, 41%, 45%
CMY	0.7961, 0.5922, 0.5529
CMYK	0.54, 0.09, 0.00, 0.55
HSL	190°, 37%, 33%
HSV	190°, 54%, 45%
XYZ	9.4038, 11.8456, 17.7104
YIQ	89.5920, -34.2020, -7.9140

# Conversions

## Conversions Part 2

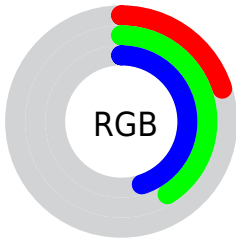
Format	Color
R <sub>YB</sub>	52, 80, 114
Decimal	3434610
CIE Lab	40.97, -14.30, -10.95
CIE LCh	41, 18.014, 217.436
Yxy	11.8456, 0.2414, 0.3040
Android (android.graphics.Color)	4281624690 (0xFF346872)
YUV	89.5920, 12.0331, -32.9682
Hunter-Lab	34.4174, -11.4596, -6.4170

# Details

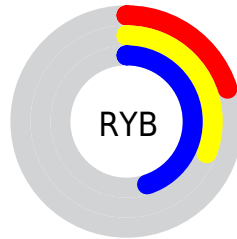
The Hex color **346872** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **723E34**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **689BA6**, and **003942** is the 20% darker color. If you saturate the color by 10%, you get **296672**, and if you desaturate by 10%, it is **3F6A72**.

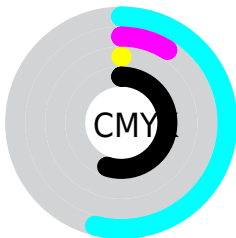
# Distribution



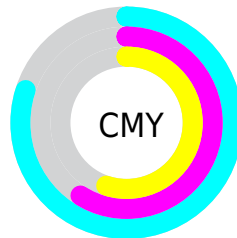
- Red (20%)
- Green (41%)
- Blue (45%)



- Red (20%)
- Yellow (31%)
- Blue (45%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (55%)



- Cyan (80%)
- Magenta (59%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 346872 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 346872 by changing the saturation by 10% instead.





346872



346872

FFFFFF



185059



689BA6



003942



82B6C1



00232C



9DD2DD



000818



B9EEF9



000000



D5FFFF



F2FFFF



346872



346872



296672



3F6A72

■ 1D6472

■ 4B6C72

■ 126272

■ 566E72

■ 066172

■ 626F72

■ 006072

■ 6D7172

■ 787372

■ 847572

■ 8F7772

■ 9B7972

# Harmonies

## Analogous

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



386964



346872



3F657B

# Triad

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



346872



77576C



686143

# Complementary

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



346872



723E34

# 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.



755C46



346872



7E565D

# Square

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



346872



685C78



7D584F



576549

# Rectangle

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



346872



4C627E



7D584F



6C5F43



# Sweetspot

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



346872



7C9094



34723D



3C484A



C9C9C9



4A4A4A



# Same Dimension

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



346872



348494



344A72



323738



006578



00CFF7



# Inverse Universe

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



723468



943484



725C34



383237



780065

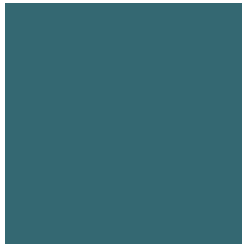


F700CF



# Previews

## White Background



This preview shows how the Hex color 346872 looks on a white background.

## Color Contrast Check

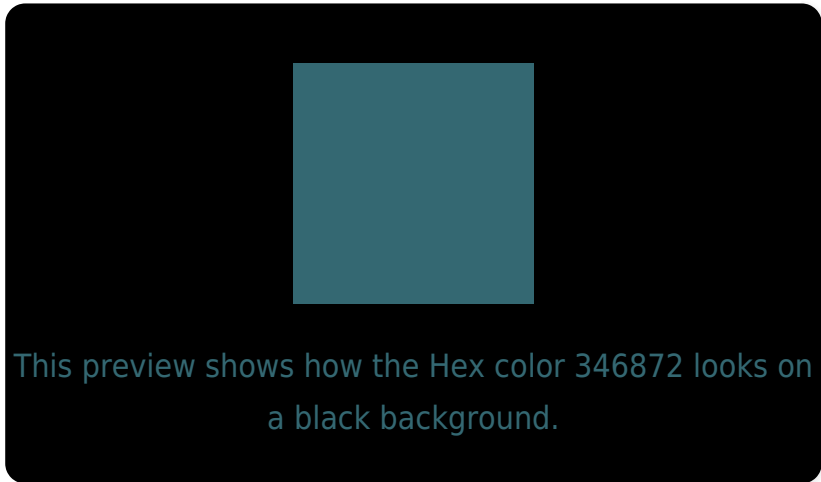
Large Text (above 18pt) WCAG AA ✓ Pass

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

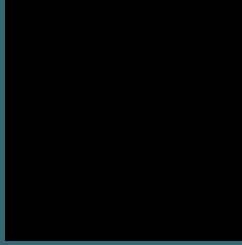
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

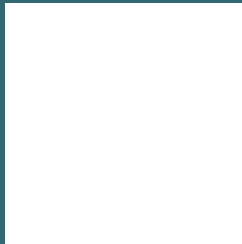
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 346872 Background



This preview shows how black text looks on a background with the Hex color 346872.

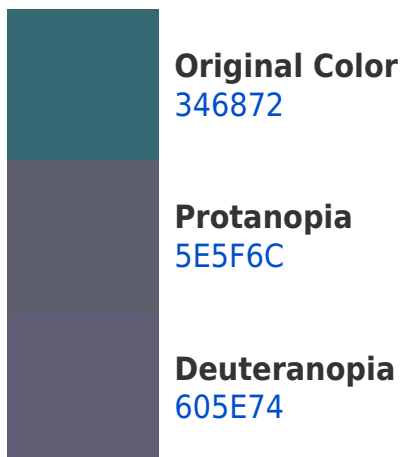



This preview shows how white text looks on a background with the Hex color 346872.

# 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**  
336871

# Trichromacy



**Original Color**  
346872

**Protanomaly**  
4F626E

**Deuteranomaly**  
506273

**Tritanomaly**  
336871

# Monochromacy



**Original Color**  
346872

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4C5F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 346872 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 #346872 looks like.

```
.text, #text, p{  
    color:#346872  
}
```

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 #346872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346872
}
```

## Border

The CSS property to change the border of an element to Hex 346872 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
#346872 }
```

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

```
.border{ border-color:#346872 }
```

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

Here you see how a box with a 4 pixel #346872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346872; -webkit-box-shadow:4px 4px  
4px 4px #346872; box-shadow:4px 4px 4px  
4px #346872 }
```

# Background

The CSS property to change the background color of an element to Hex 346872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346872 }
```

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

```
.background{ background-color:#346872 }
```

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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