

# Converting Colors

Hex(346996)

Have a look what the booklet for  
Hex(346996) contains.

<b>Hex(346996)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(346996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	346996
RGB	52, 105, 150
RGB Percent	20%, 41%, 59%
CMY	0.7961, 0.5882, 0.4118
CMYK	0.65, 0.30, 0.00, 0.41
HSL	208°, 49%, 40%
HSV	208°, 65%, 59%
XYZ	11.9728, 13.0352, 30.7392
YIQ	94.2830, -46.0330, 2.7590

# Conversions

## Conversions Part 2

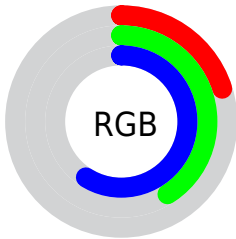
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 86, 150
Decimal	3434902
CIE <sub>Lab</sub>	42.82, -2.88, -29.79
CIE <sub>LCh</sub>	43, 29.933, 264.487
Yxy	13.0352, 0.2148, 0.2338
Android (android.graphics.Color)	4281624982 (0xFF346996)
YUV	94.2830, 27.4685, -37.0822
Hunter-Lab	36.1043, -3.9891, -25.2064

# Details

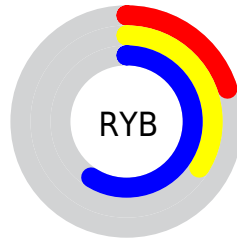
The Hex color **346996** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **966134**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6C9CCC**, and **003A63** is the 20% darker color. If you saturate the color by 10%, you get **256296**, and if you desaturate by 10%, it is **437096**.

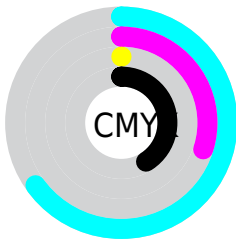
# Distribution



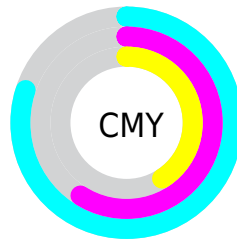
- Red (20%)
- Green (41%)
- Blue (59%)



- Red (20%)
- Yellow (34%)
- Blue (59%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)



- Cyan (80%)
- Magenta (59%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 346996 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 346996 by changing the saturation by 10% instead.



■ 346996

■ 346996

FFFFFF

■ 10517C

■ 6C9CCC

■ 003A63

■ 88B7E9

■ 00254B

■ A4D2FF

■ 001034

■ C0EFFF

■ 00021E

■ DDFFFF

■ 000000

■ FBFFFF

■ 346996

■ 346996

■ 256296

■ 437096

■ 165B96

■ 527796

■ 075496

■ 617E96

■ 005196

■ 708596

■ 7F8B96

■ 8E9296

■ 9D9996

■ ACA096

■ BBA796

# Harmonies

## Analogous

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



006F8D



346996



616092

# Triad

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



346996



945352



436F47

# Complementary

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



346996



966134

# 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.



606A37



346996



8B593E

# Square

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



346996



91526B



796233



1A7260

# Rectangle

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



346996



775A89



796233



4D6E41



# Sweetspot

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



346996



9BB0C2



349660



4A5661



E0E0E0



616161



# Same Dimension

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



346996



2B7CC2



343996



43474A



004A8A



00060A



# Inverse Universe

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



963469



C22B7C



969134



4A4347



8A004A



0A0006



# Previews

## White Background



This preview shows how the Hex color 346996 looks on a white background.

## Color Contrast Check

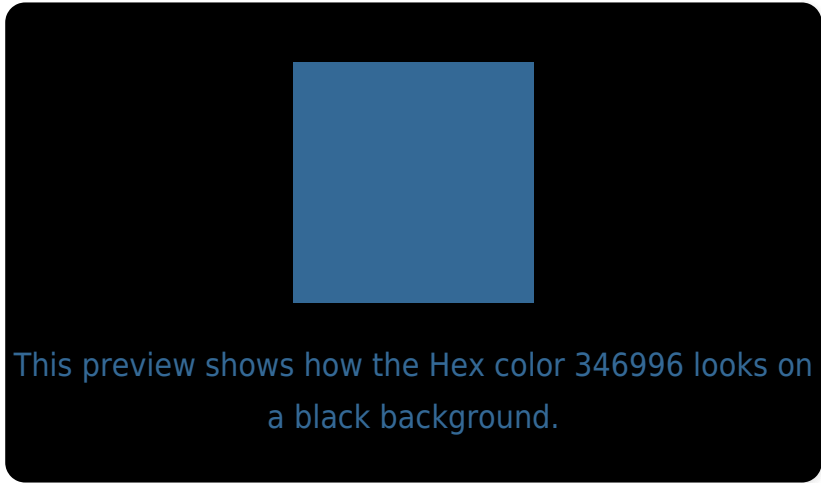
Large Text (above 18pt) WCAG AA ✓ Pass

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 346996 Background



This preview shows how black text looks on a background with the Hex color 346996.



This preview shows how white text looks on a background with the Hex color 346996.

# 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](#).

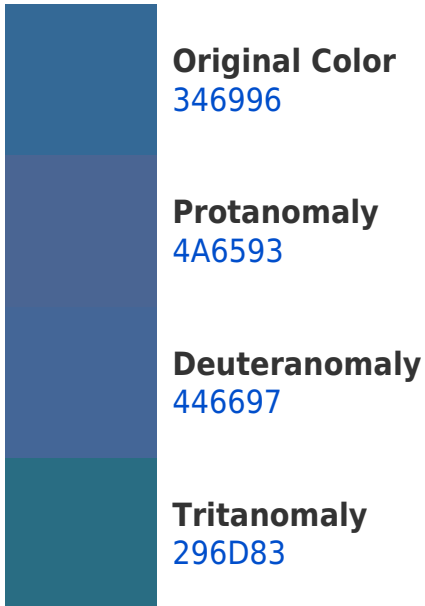
## Dichromacy





**Tritanopia**  
236F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 346996 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 #346996 looks like.

```
.text, #text, p{  
    color:#346996  
}
```

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 #346996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346996
}
```

## Border

The CSS property to change the border of an element to Hex 346996 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
#346996 }
```

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

```
.border{ border-color:#346996 }
```

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

Here you see how a box with a 4 pixel #346996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346996; -webkit-box-shadow:4px 4px  
4px 4px #346996; box-shadow:4px 4px 4px  
4px #346996 }
```

# Background

The CSS property to change the background color of an element to Hex 346996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346996 }
```

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

```
.background{ background-color:#346996 }
```

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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