

# Converting Colors

Hex(346EA3)

Have a look what the booklet for  
Hex(346EA3) contains.

<b>Hex(346EA3)</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(346EA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	346EA3
RGB	52, 110, 163
RGB Percent	20%, 43%, 64%
CMY	0.7961, 0.5686, 0.3608
CMYK	0.68, 0.33, 0.00, 0.36
HSL	209°, 52%, 42%
HSV	209°, 68%, 64%
XYZ	13.6030, 14.5263, 36.7372
YIQ	98.7000, -51.5810, 4.1870

# Conversions

## Conversions Part 2

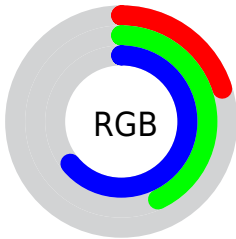
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 90, 163
Decimal	3436195
CIELab	44.98, -1.30, -34.10
CIELCh	45, 34.124, 267.817
Yxy	14.5263, 0.2097, 0.2239
Android (android.graphics.Color)	4281626275 (0xFF346EA3)
YUV	98.7000, 31.6999, -40.9559
Hunter-Lab	38.1133, -2.9902, -30.4699

# Details

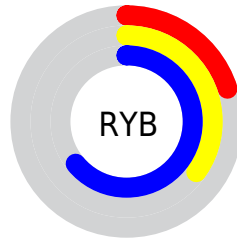
The Hex color **346EA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A36934**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6FA1DA**, and **003F6F** is the 20% darker color. If you saturate the color by 10%, you get **2466A3**, and if you desaturate by 10%, it is **4476A3**.

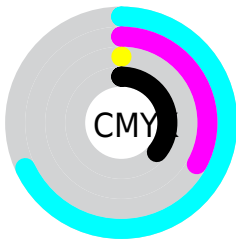
# Distribution



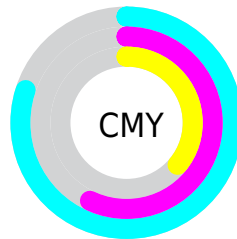
- Red (20%)
- Green (43%)
- Blue (64%)



- Red (20%)
- Yellow (35%)
- Blue (64%)



- Cyan (68%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (57%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 346EA3 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 346EA3 by changing the saturation by 10% instead.



■ 346EA3

■ 346EA3

FFFFFF

■ 0A5689

■ 6FA1DA

■ 003F6F

■ 8BBCF7

■ 002956

■ A7D8FF

■ 00153F

■ C4F4FF

■ 000328

■ E1FFFF

■ 000112

■ 000000

■ 346EA3

■ 346EA3

■ 2466A3

■ 4476A3

■ 135EA3

■ 557EA3

■ 0357A3

■ 6585A3

■ 0055A3

■ 758DA3

■ 8695A3

■ 969DA3

■ A6A4A3

■ B6ACA3

■ C7B4A3

# Harmonies

## Analogous

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



00759A



346EA3



69649D

# Triad

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



346EA3



9F5551



3E764B

# Complementary

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



346EA3



A36934

# 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.



617136



346EA3



935E3B

# Square

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



346EA3



9E536E



7D6830



007967

# Rectangle

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



346EA3



825C91



7D6830



4A7543



# Sweetspot

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



346EA3



A9BFD4



34A368



515F6B



EBEBEB



6B6B6B



# Same Dimension

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



346EA3



2681D4



3438A3



494E52



004C91



000912



# Inverse Universe

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



A3346E



D42681



A39F34



52494E



91004C



120009



# Previews

## White Background



This preview shows how the Hex color 346EA3 looks on a white background.

## Color Contrast Check

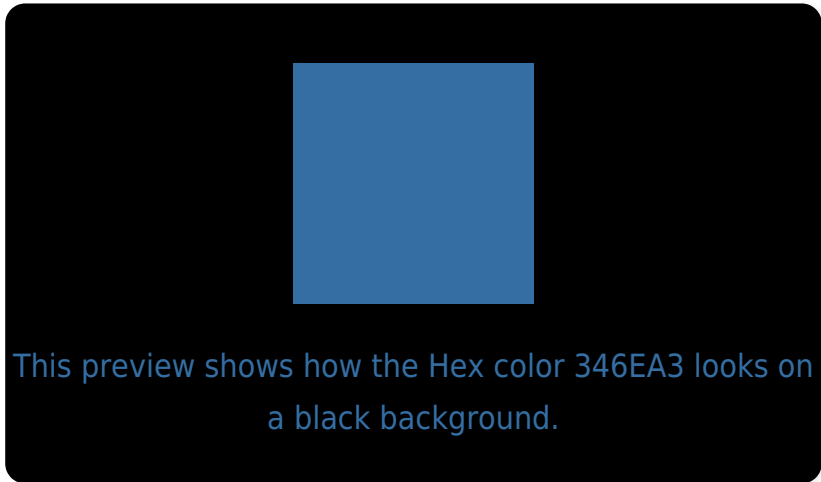
Large Text (above 18pt) WCAG AA ✓ Pass

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

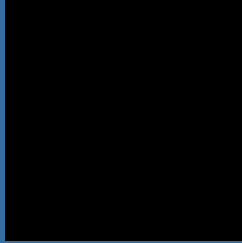
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 346EA3 Background



This preview shows how black text looks on a background with the Hex color 346EA3.

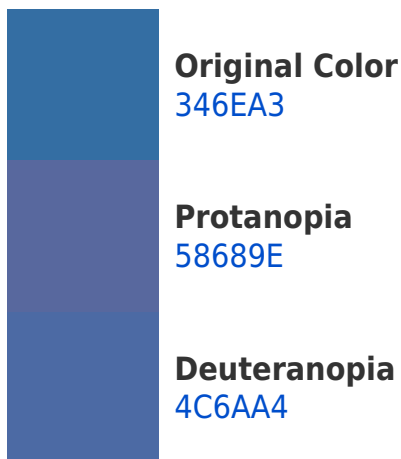


This preview shows how white text looks on a background with the Hex color 346EA3.

# 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](#).

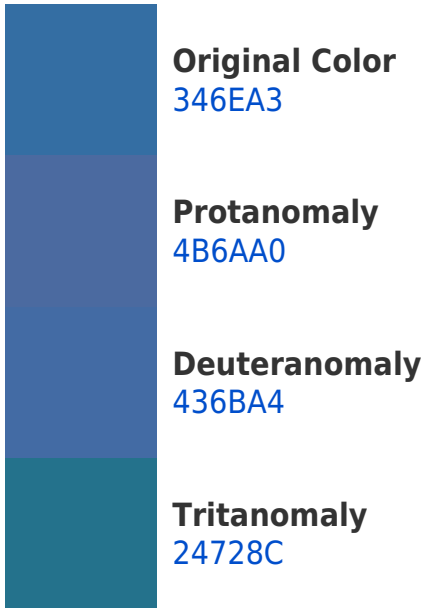
## Dichromacy



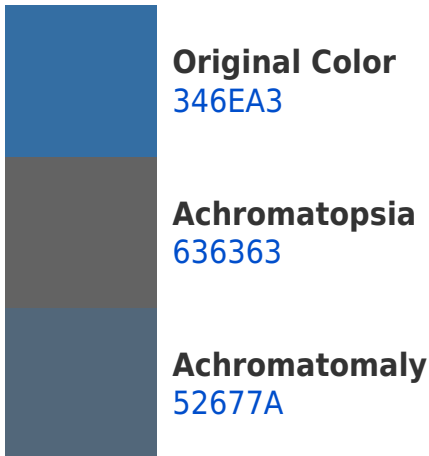


**Tritanopia**  
1B757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 346EA3 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 #346EA3 looks like.

```
.text, #text, p{  
    color:#346EA3  
}
```

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 #346EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346EA3
}
```

## Border

The CSS property to change the border of an element to Hex 346EA3 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
#346EA3 }
```

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

```
.border{ border-color:#346EA3 }
```

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

Here you see how a box with a 4 pixel #346EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346EA3; -webkit-box-shadow:4px 4px  
4px 4px #346EA3; box-shadow:4px 4px 4px  
4px #346EA3 }
```

# Background

The CSS property to change the background color of an element to Hex 346EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346EA3 }
```

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

```
.background{ background-color:#346EA3 }
```

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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