

# Converting Colors

Hex(345D94)

Have a look what the booklet for  
Hex(345D94) contains.

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# Color

Hex(345D94)

# Conversions

## Conversions Part 1

Format	Color
Hex	345D94
RGB	52, 93, 148
RGB Percent	20%, 36%, 58%
CMY	0.7961, 0.6353, 0.4196
CMYK	0.65, 0.37, 0.00, 0.42
HSL	214°, 48%, 39%
HSV	214°, 65%, 58%
XYZ	10.6758, 10.6969, 29.5190
YIQ	87.0110, -42.0910, 8.4130

# Conversions

## Conversions Part 2

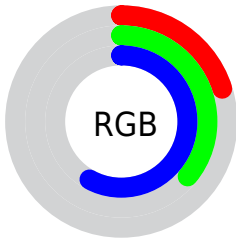
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 81, 148
Decimal	3431828
CIE <sub>Lab</sub>	39.07, 3.89, -34.50
CIE <sub>LCh</sub>	39, 34.722, 276.440
Yxy	10.6969, 0.2098, 0.2102
Android (android.graphics.Color)	4281621908 (0xFF345D94)
YUV	87.0110, 30.0676, -30.7046
Hunter-Lab	32.7061, 1.0298, -30.6181

# Details

The Hex color **345D94** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **946B34**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6C8FCA**, and **003061** is the 20% darker color. If you saturate the color by 10%, you get **255594**, and if you desaturate by 10%, it is **436594**.

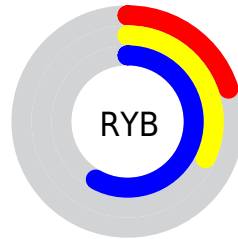
# Distribution



Red (20%)

Green (36%)

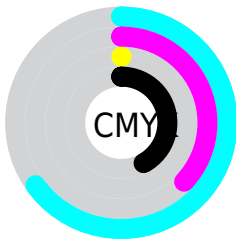
Blue (58%)



Red (20%)

Yellow (32%)

Blue (58%)

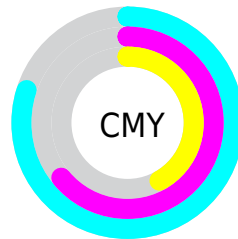


Cyan (65%)

Magenta (37%)

Yellow (0%)

Black (42%)



Cyan (80%)

Magenta (64%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 345D94 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 345D94 by changing the saturation by 10% instead.



■ 345D94

■ 345D94

FFFFFF

■ 11467A

■ 6C8FCA

■ 003061

■ 87A9E7

■ 001B49

■ A3C4FF

■ 000432

■ C0E0FF

■ 00021C

■ DDFDFF

■ 000000

■ FAFFFF

■ 345D94

■ 345D94

■ 255594

■ 436594

■ 164C94

■ 526E94

■ 084494

■ 607694

■ 003F94

■ 6F7F94

■ 7E8794

■ 8D9094

■ 9C9894

■ AAA194

■ B9A994

# Harmonies

## Analogous

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



00658F



345D94



66528A

# Triad

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



345D94



8D483C



1E6844

# Complementary

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



345D94



946B34

# 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.



49642D



345D94



7E5228

# Square

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



345D94



904357



665C21



006A61

# Rectangle

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



345D94



7C4B7C



665C21



30673C



# Sweetspot

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



345D94



9BAABF



34946A



4B5461



E0E0E0



616161



# Same Dimension

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



345D94



2A6ABF



3A3494



43464A



003B8A



00040A



# Inverse Universe

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



94345D



BF2A6A



8E9434



4A4346



8A003B



0A0004



# Previews

## White Background



This preview shows how the Hex color 345D94 looks on a white background.

## Color Contrast Check

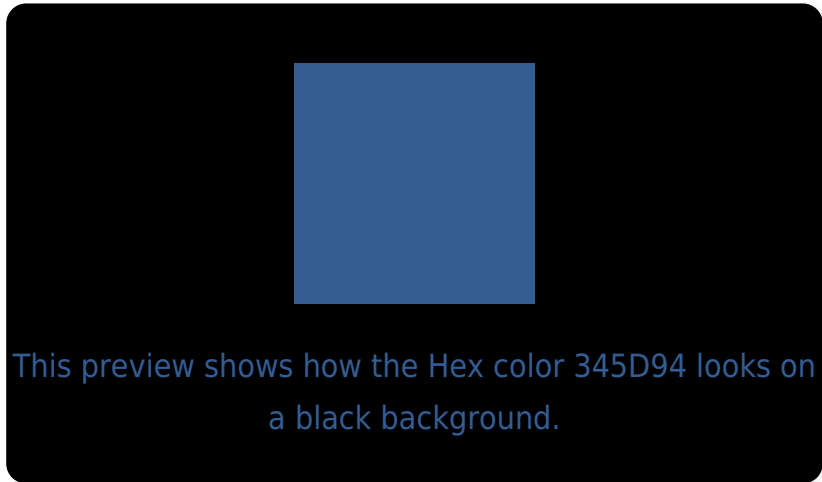
Large Text (above 18pt) WCAG AA ✓ Pass

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 345D94 Background



This preview shows how black text looks on a background with the Hex color 345D94.



This preview shows how white text looks on a background with the Hex color 345D94.

# 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



**Original Color**  
345D94

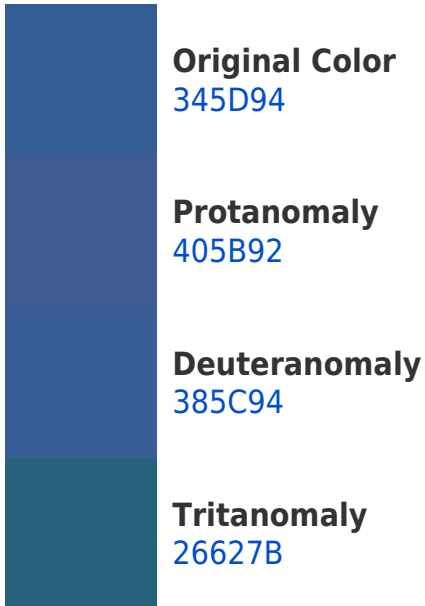
**Protanopia**  
475A91

**Deuteranopia**  
3A5C94

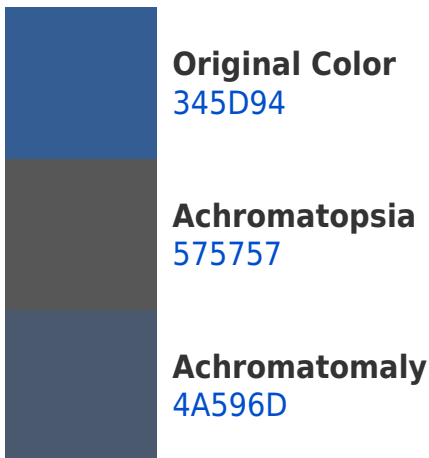


**Tritanopia**  
1E656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 345D94 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 #345D94 looks like.

```
.text, #text, p{  
    color:#345D94  
}
```

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 #345D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345D94
}
```

## Border

The CSS property to change the border of an element to Hex 345D94 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
#345D94 }
```

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

```
.border{ border-color:#345D94 }
```

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

Here you see how a box with a 4 pixel #345D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345D94; -webkit-box-shadow:4px 4px  
4px 4px #345D94; box-shadow:4px 4px 4px  
4px #345D94 }
```

# Background

The CSS property to change the background color of an element to Hex 345D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345D94 }
```

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

```
.background{ background-color:#345D94 }
```

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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