

# Converting Colors

Hex(347DA9)

Have a look what the booklet for  
Hex(347DA9) contains.

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# Color

**Hex(347DA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	347DA9
RGB	52, 125, 169
RGB Percent	20%, 49%, 66%
CMY	0.7961, 0.5098, 0.3373
CMYK	0.69, 0.26, 0.00, 0.34
HSL	203°, 53%, 43%
HSV	203°, 69%, 66%
XYZ	15.9112, 18.2619, 40.2224
YIQ	108.1890, -57.6320, -1.7920

# Conversions

## Conversions Part 2

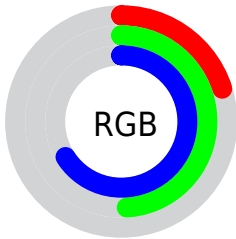
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 97, 169
Decimal	3440041
CIE <sub>Lab</sub>	49.81, -8.11, -30.04
CIE <sub>LCh</sub>	50, 31.110, 254.894
Yxy	18.2619, 0.2139, 0.2455
Android (android.graphics.Color)	4281630121 (0xFF347DA9)
YUV	108.1890, 29.9798, -49.2778
Hunter-Lab	42.7339, -8.3230, -25.8917

# Details

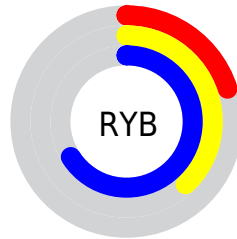
The Hex color **347DA9** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A96034**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **70B1E0**, and **004C75** is the 20% darker color. If you saturate the color by 10%, you get **2377A9**, and if you desaturate by 10%, it is **4583A9**.

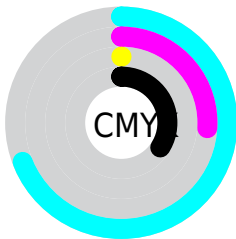
# Distribution



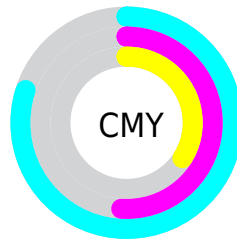
- Red (20%)
- Green (49%)
- Blue (66%)



- Red (20%)
- Yellow (38%)
- Blue (66%)



- Cyan (69%)
- Magenta (26%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (51%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347DA9 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 347DA9 by changing the saturation by 10% instead.



■ 347DA9

■ 347DA9

FFFFFF

■ 06648E

■ 70B1E0

■ 004C75

■ 8CCDFD

■ 00365C

■ A9E9FF

■ 002144

■ C6FFFF

■ 00042E

■ E4FFFF

■ 000118

■ 000000

■ 347DA9

■ 347DA9

■ 2377A9

■ 4583A9

■ 1270A9

■ 568AA9

■ 016AA9

■ 6790A9

■ 0069A9

■ 7896A9

■ 889DA9

■ 99A3A9

■ AAA9A9

■ BBB0A9

■ CCB6A9

# Harmonies

## Analogous

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



00829B



347DA9



6575A9

# Triad

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



347DA9



AA626A



5D8050

# Complementary

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



347DA9



A96034

# 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.



7A7942



347DA9



A46752

# Square

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



347DA9



A16385



937043



3A8468

# Rectangle

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



347DA9



7F6EA2



937043



677E4A



# Sweetspot

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



347DA9



ADCADB



34A95F



52636E



EDEDED



6E6E6E



# Same Dimension

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



347DA9



2597DB



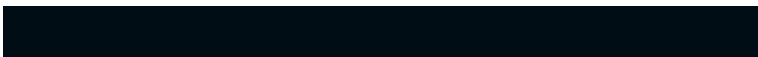
3444A9



4C5154



005C94



000D14



# Inverse Universe

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



A9347D



DB2597



A99934



544C51



94005C



14000D



# Previews

## White Background



This preview shows how the Hex color 347DA9 looks on a white background.

## Color Contrast Check

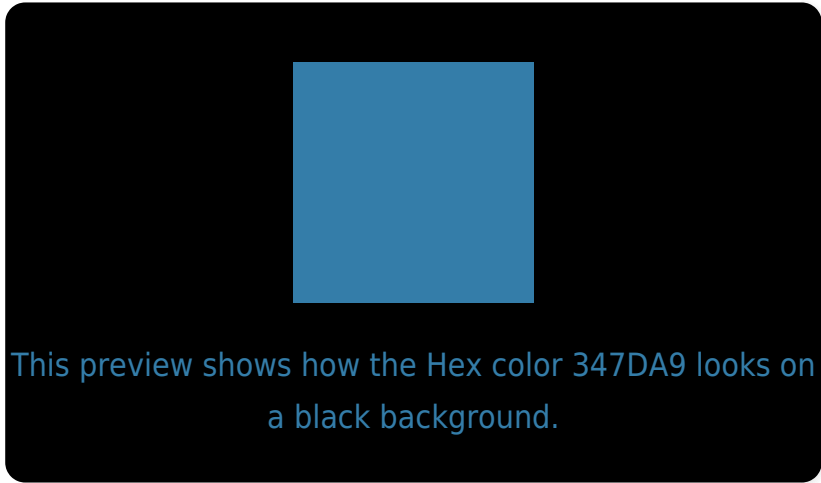
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

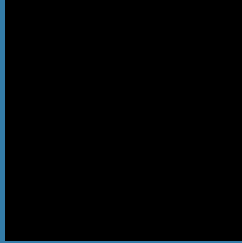
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 347DA9 Background



This preview shows how black text looks on a background with the Hex color 347DA9.

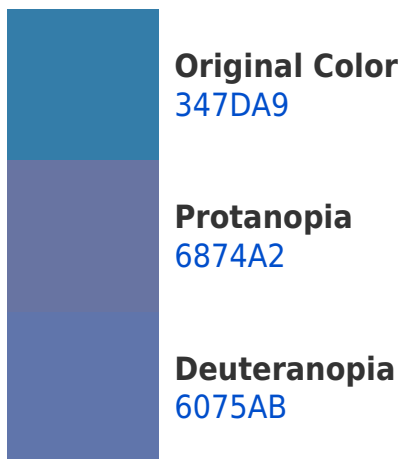


This preview shows how white text looks on a background with the Hex color 347DA9.

# 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](#).

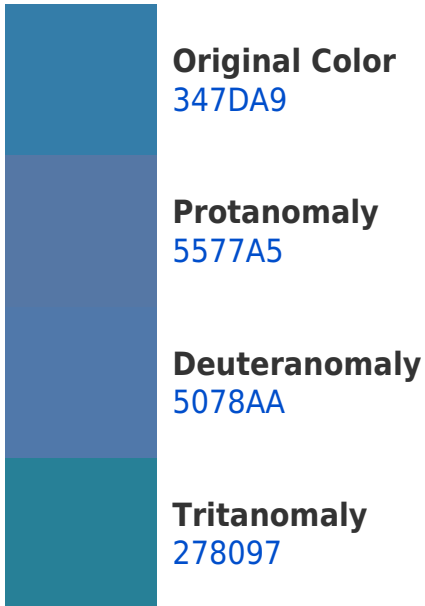
## Dichromacy



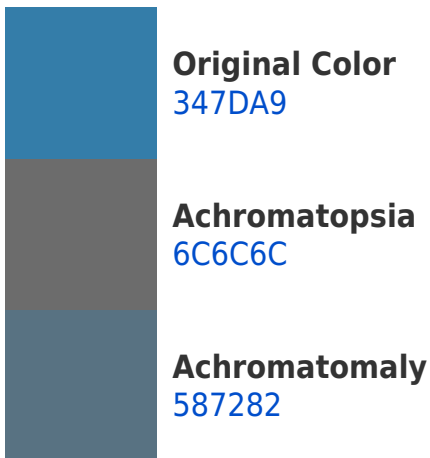


**Tritanopia**  
20828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347DA9 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 #347DA9 looks like.

```
.text, #text, p{  
    color:#347DA9  
}
```

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 #347DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347DA9
}
```

## Border

The CSS property to change the border of an element to Hex 347DA9 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
#347DA9 }
```

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

```
.border{ border-color:#347DA9 }
```

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

Here you see how a box with a 4 pixel #347DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347DA9; -webkit-box-shadow:4px 4px  
4px 4px #347DA9; box-shadow:4px 4px 4px  
4px #347DA9 }
```

# Background

The CSS property to change the background color of an element to Hex 347DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347DA9 }
```

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

```
.background{ background-color:#347DA9 }
```

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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