

# Converting Colors

Hex(337FA2)

Have a look what the booklet for  
Hex(337FA2) contains.

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# Color

Hex(337FA2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	337FA2
RGB	51, 127, 162
RGB Percent	20%, 50%, 64%
CMY	0.8000, 0.5020, 0.3647
CMYK	0.69, 0.22, 0.00, 0.36
HSL	199°, 52%, 42%
HSV	199°, 69%, 64%
XYZ	15.4762, 18.4912, 36.9359
YIQ	108.2660, -56.5310, -5.2270

# Conversions

## Conversions Part 2

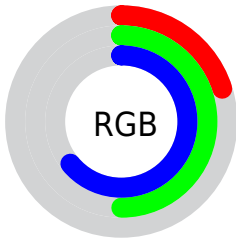
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 96, 162
Decimal	3375010
CIELab	50.09, -11.82, -25.54
CIELCh	50, 28.147, 245.158
Yxy	18.4912, 0.2183, 0.2608
Android (android.graphics.Color)	4281565090 (0xFF337FA2)
YUV	108.2660, 26.4909, -50.2223
Hunter-Lab	43.0014, -11.0102, -20.8260

# Details

The Hex color **337FA2** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A25633**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6EB4D9**, and **004E6E** is the 20% darker color. If you saturate the color by 10%, you get **237AA2**, and if you desaturate by 10%, it is **4384A2**.

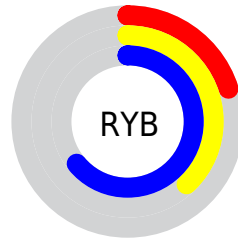
# Distribution



Red (20%)

Green (50%)

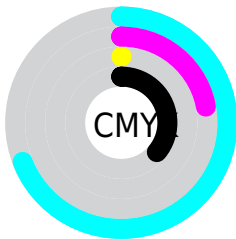
Blue (64%)



Red (20%)

Yellow (38%)

Blue (64%)

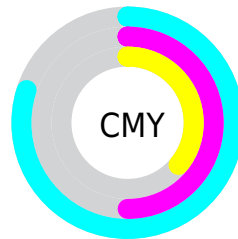


Cyan (69%)

Magenta (22%)

Yellow (0%)

Black (36%)



Cyan (80%)

Magenta (50%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 337FA2 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 337FA2 by changing the saturation by 10% instead.



■ 337FA2

■ 337FA2

FFFFFF

■ 066688

■ 6EB4D9

■ 004E6E

■ 8BCFF6

■ 003756

■ A7ECFF

■ 00223E

■ C4FFFF

■ 000329

■ E1FFFF

■ 000112

■ 000000

■ 337FA2

■ 337FA2

■ 237AA2

■ 4384A2

■ 1375A2

■ 5389A2

■ 0270A2

■ 648EA2

■ 006FA2

■ 7493A2

■ 8499A2

■ 949EA2

■ A4A3A2

■ B5A8A2

■ C5ADA2

# Harmonies

## Analogous

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



178392



337FA2



5C78A7

# Triad

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



337FA2



A56574



697E4F

# Complementary

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



337FA2



A25633

# 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.



837747



337FA2



A4685D

# Square

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



337FA2



99688C



986F4C



4C8262

# Rectangle

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



337FA2



7472A2



986F4C



727C4B



# Sweetspot

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



337FA2



A7C6D4



33A254



50636B



EBEBEB



6B6B6B



# Same Dimension

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



337FA2



269DD4



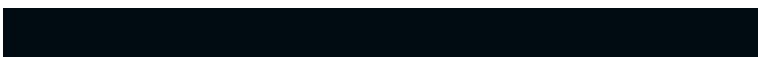
3349A2



494F52



006491



000C12



# Inverse Universe

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



A2337F



D4269D



A28C33



52494F



910064



12000C



# Previews

## White Background



This preview shows how the Hex color 337FA2 looks on a white background.

## Color Contrast Check

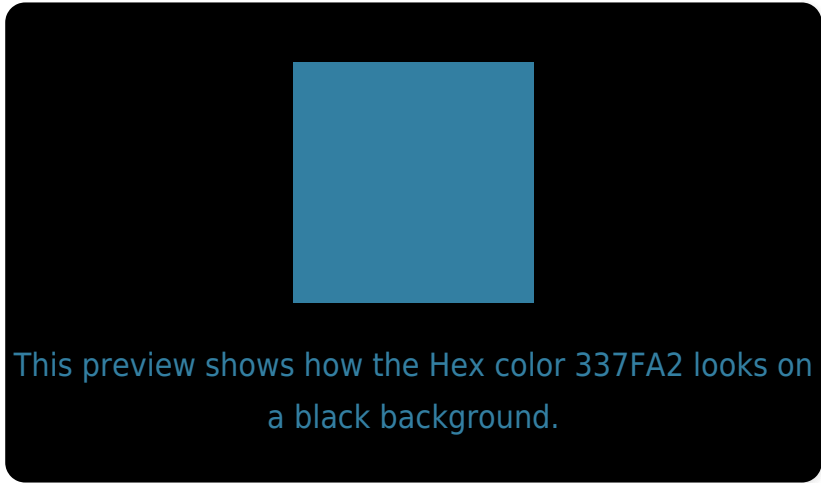
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

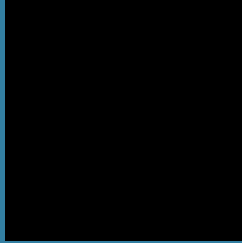
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 337FA2 Background



This preview shows how black text looks on a background with the Hex color 337FA2.

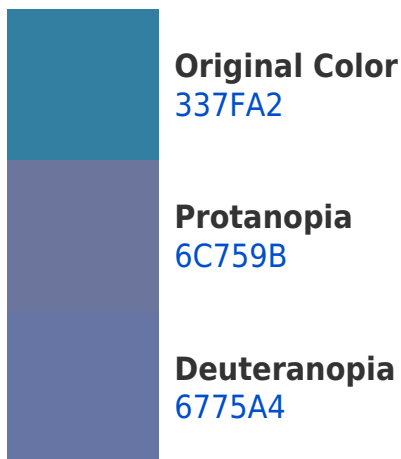


This preview shows how white text looks on a background with the Hex color 337FA2.

# 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](#).

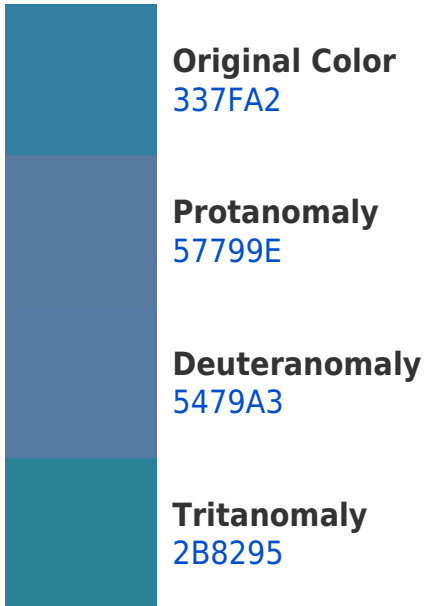
## Dichromacy



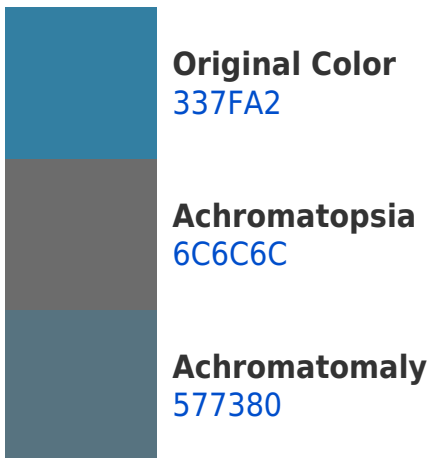


**Tritanopia**  
26838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 337FA2 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 #337FA2 looks like.

```
.text, #text, p{  
    color:#337FA2  
}
```

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 #337FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337FA2
}
```

## Border

The CSS property to change the border of an element to Hex 337FA2 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
#337FA2 }
```

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

```
.border{ border-color:#337FA2 }
```

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

Here you see how a box with a 4 pixel #337FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337FA2; -webkit-box-shadow:4px 4px  
4px 4px #337FA2; box-shadow:4px 4px 4px  
4px #337FA2 }
```

# Background

The CSS property to change the background color of an element to Hex 337FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337FA2 }
```

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

```
.background{ background-color:#337FA2 }
```

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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