

# Converting Colors

Hex(337EBF)

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

<b>Hex(337EBF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(337EBF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	337EBF
RGB	51, 126, 191
RGB Percent	20%, 49%, 75%
CMY	0.8000, 0.5059, 0.2510
CMYK	0.73, 0.34, 0.00, 0.25
HSL	208°, 58%, 47%
HSV	208°, 73%, 75%
XYZ	18.2301, 19.3871, 52.0715
YIQ	110.9850, -65.5650, 4.3150

# Conversions

## Conversions Part 2

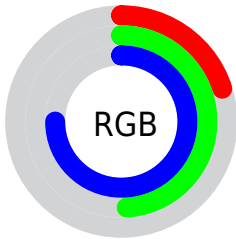
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 100, 191
Decimal	3374783
CIE <sub>Lab</sub>	51.14, -1.03, -40.65
CIE <sub>LCh</sub>	51, 40.662, 268.543
Yxy	19.3871, 0.2033, 0.2162
Android (android.graphics.Color)	4281564863 (0xFF337EBF)
YUV	110.9850, 39.4474, -52.6068
Hunter-Lab	44.0308, -3.1495, -39.2957

# Details

The Hex color **337EBF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BF7433**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **73B2F8**, and **004E89** is the 20% darker color. If you saturate the color by 10%, you get **2075BF**, and if you desaturate by 10%, it is **4687BF**.

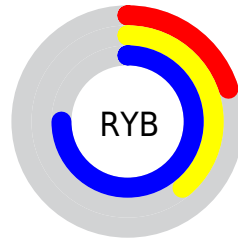
# Distribution



Red (20%)

Green (49%)

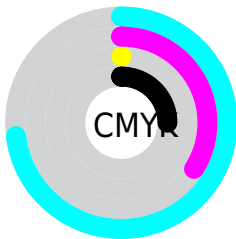
Blue (75%)



Red (20%)

Yellow (39%)

Blue (75%)

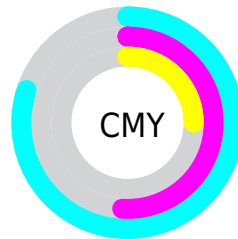


Cyan (73%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (80%)

Magenta (51%)

Yellow (25%)

# Brightness & Saturation Gradients

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



■ 337EBF

FFFFFF

■ 73B2F8

■ 90CEFF

■ AEEAFF

■ CBFFFF

■ E9FFFF

■ 337EBF

■ 0065A4

■ 004E89

■ 00376F

■ 002257

■ 000B3F

■ 000328

■ 000112

■ 000000

■ 337EBF

■ 337EBF

■ 2075BF

■ 4687BF

■ 0D6CBF

■ 5990BF

■ 0066BF

■ 6C99BF

■ 7FA1BF

■ 93AABF

■ A6B3BF

■ B9BCBF

■ CCC5BF

■ DFCEBF

# Harmonies

## Analogous

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



0087B4



337EBF



7971B7

# Triad

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



337EBF



B95F5B



408854

# Complementary

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



337EBF



BF7433

# 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.



6D823A



337EBF



AA6B3F

# Square

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



337EBF



B85C7D



907732



008B77

# Rectangle

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



337EBF



9768A8



907732



51864A



# Sweetspot

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



337EBF



C1DEF7



33BF72



5C6E7D



FCFCFC



7D7D7D



# Same Dimension

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



337EBF



1E92F7



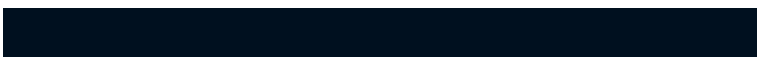
333ABF



555A5E



00559E



00101F



# Inverse Universe

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



BF337E



F71E92



BFB833



5E555A



9E0055



1F0010



# Previews

## White Background



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

## Color Contrast Check

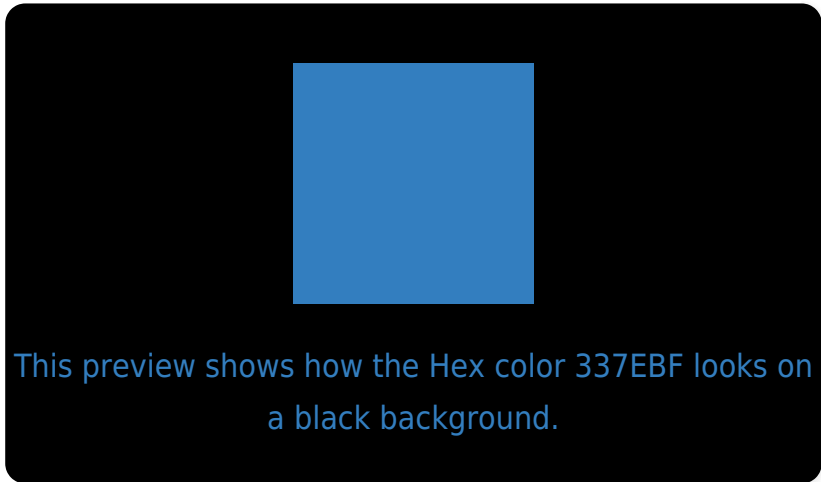
Large Text (above 18pt) WCAG AA ✓ Pass

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

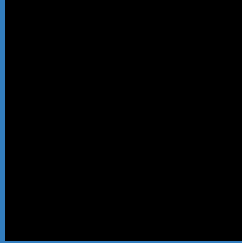
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 337EBF Background



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

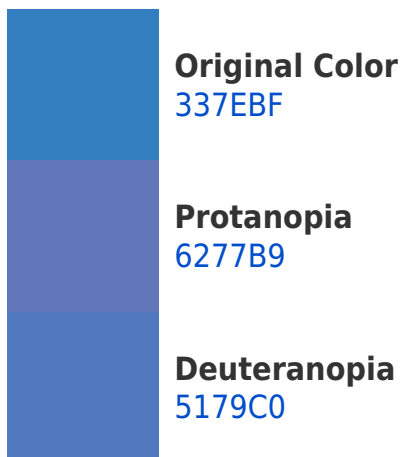


This preview shows how white text looks on a background with the Hex color 337EBF.

# 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](#).

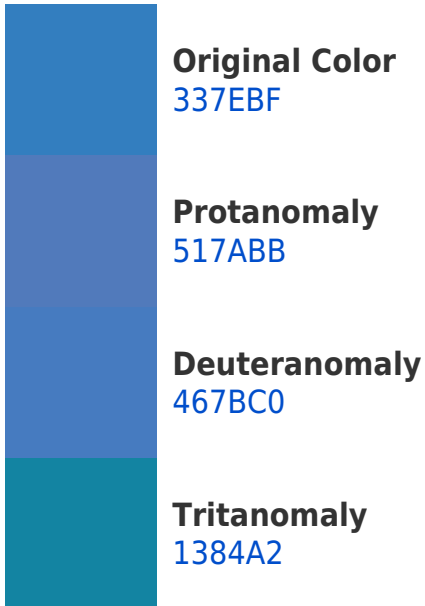
## Dichromacy



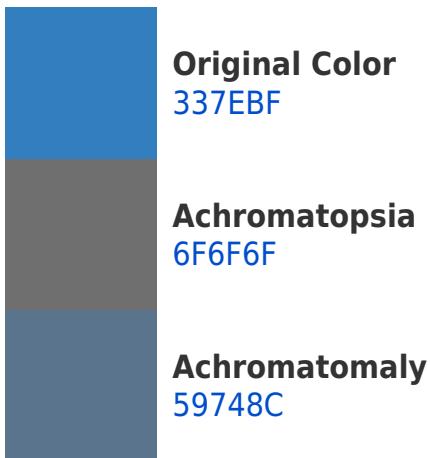


**Tritanopia**  
008791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #337EBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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