

Converting Colors

Hex(337BC4)

Have a look what the booklet for
Hex(337BC4) contains.

Hex(337BC4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(337BC4)

Conversions

Conversions Part 1

Format	Color
Hex	337BC4
RGB	51, 123, 196
RGB Percent	20%, 48%, 77%
CMY	0.8000, 0.5176, 0.2314
CMYK	0.74, 0.37, 0.00, 0.23
HSL	210°, 59%, 48%
HSV	210°, 74%, 77%
XYZ	18.4120, 18.8552, 54.8936
YIQ	109.7940, -66.3450, 7.4390

Conversions

Conversions Part 2

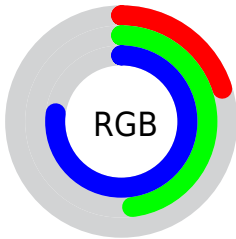
Format	Color
RYB	51, 99, 196
Decimal	3374020
CIELab	50.52, 2.59, -44.49
CIELCh	51, 44.569, 273.335
Yxy	18.8552, 0.1998, 0.2046
Android (android.graphics.Color)	4281564100 (0xFF337BC4)
YUV	109.7940, 42.4996, -51.5623
Hunter-Lab	43.4226, -0.3023, -44.5568

Details

The Hex color **337BC4** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C47C33**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **74AFFD**, and **004B8E** is the 20% darker color. If you saturate the color by 10%, you get **1F71C4**, and if you desaturate by 10%, it is **4785C4**.

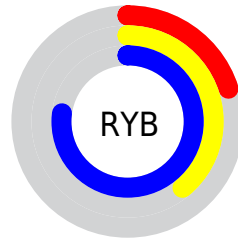
Distribution



Red (20%)

Green (48%)

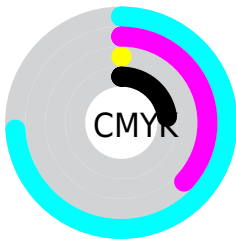
Blue (77%)



Red (20%)

Yellow (39%)

Blue (77%)

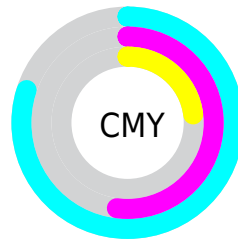


Cyan (74%)

Magenta (37%)

Yellow (0%)

Black (23%)



Cyan (80%)

Magenta (52%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337BC4 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 337BC4 by changing the saturation by 10% instead.

■ 337BC4

■ 337BC4

FFFFFF

■ 0062A8

■ 74AFFD

■ 004B8E

■ 92CAFF

■ 003574

■ AFE6FF

■ 00205B

■ CDFFFF

■ 000743

■ EBFFFF

■ 00032C

■ 000116

■ 000000

■ 337BC4

■ 337BC4

■ 1F71C4

■ 4785C4

■ 0C67C4

■ 5A8FC4

■ 0061C4

■ 6E99C4

■ 81A2C4

■ 95ACC4

■ A9B6C4

■ BCC0C4

■ D0CAC4

■ E3D4C4

Harmonies

Analogous

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



0085BC



337BC4



806DB8

Triad

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



337BC4



BB5C51



2A8855

Complementary

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



337BC4



C47C33

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.



628235



337BC4



A86A34

Square

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



337BC4



BD5676



897828



008B7B

Rectangle

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



337BC4



9F62A6



897828



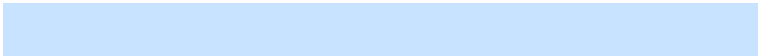
418749

Sweetspot

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



337BC4



C7E3FF



33C47C



5E6F80



000000



808080

Same Dimension

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



337BC4



1C8DFF



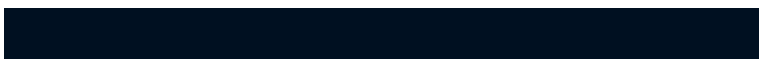
3333C4



575C61



0050A1



001021

Inverse Universe

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



C4337B



FF1C8D



C4C433



61575C



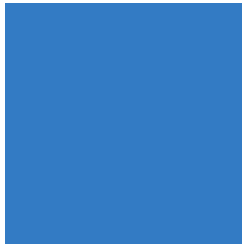
A10050



210010

Previews

White Background



This preview shows how the Hex color 337BC4 looks on a white background.

Color Contrast Check

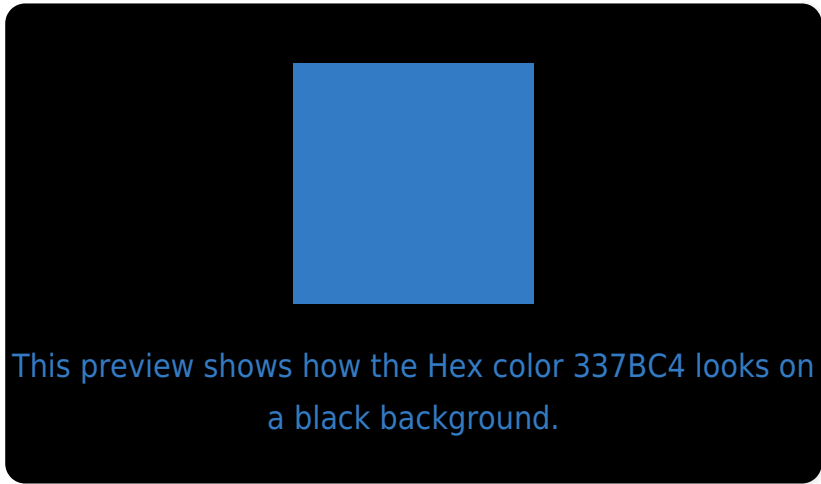
Large Text (above 18pt) WCAG AA ✓ Pass

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

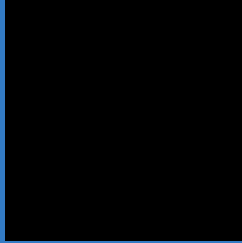
Any Text WCAG AA ✓ Pass

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 337BC4 Background



This preview shows how black text looks on a background with the Hex color 337BC4.

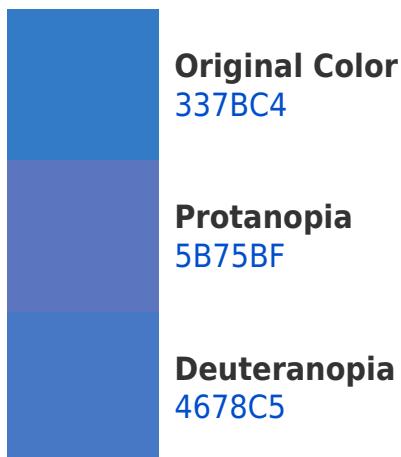


This preview shows how white text looks on a background with the Hex color 337BC4.

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](#).

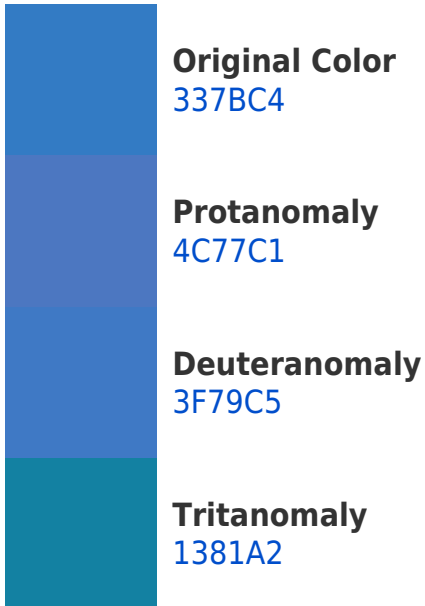
Dichromacy



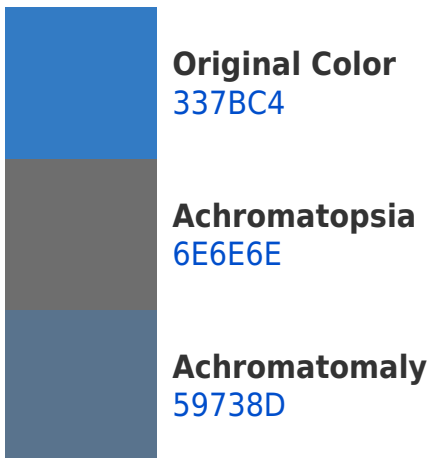


Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 337BC4 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 #337BC4 looks like.

```
.text, #text, p{  
    color:#337BC4  
}
```

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 #337BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337BC4
}
```

Border

The CSS property to change the border of an element to Hex 337BC4 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
#337BC4 }
```

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

```
.border{ border-color:#337BC4 }
```

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

Here you see how a box with a 4 pixel #337BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337BC4; -webkit-box-shadow:4px 4px  
4px 4px #337BC4; box-shadow:4px 4px 4px  
4px #337BC4 }
```

Background

The CSS property to change the background color of an element to Hex 337BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337BC4 }
```

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

```
.background{ background-color:#337BC4 }
```

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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