

Converting Colors

Hex(337DB4)

Have a look what the booklet for
Hex(337DB4) contains.

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Color

Hex(337DB4)

Conversions

Conversions Part 1

Format	Color
Hex	337DB4
RGB	51, 125, 180
RGB Percent	20%, 49%, 71%
CMY	0.8000, 0.5098, 0.2941
CMYK	0.72, 0.31, 0.00, 0.29
HSL	206°, 56%, 45%
HSV	206°, 72%, 71%
XYZ	16.9371, 18.6663, 45.8903
YIQ	109.1440, -61.7590, 1.4170

Conversions

Conversions Part 2

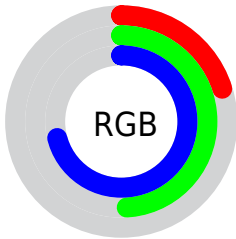
Format	Color
R_{YB}	51, 98, 180
Decimal	3374516
CIE _{Lab}	50.29, -4.39, -35.65
CIE _{LCh}	50, 35.919, 262.984
Yxy	18.6663, 0.2078, 0.2291
Android (android.graphics.Color)	4281564596 (0xFF337DB4)
YUV	109.1440, 34.9320, -50.9923
Hunter-Lab	43.2045, -5.6323, -32.7325

Details

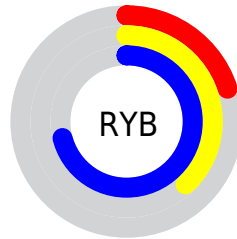
The Hex color **337DB4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B46A33**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **71B1EC**, and **004C7F** is the 20% darker color. If you saturate the color by 10%, you get **2175B4**, and if you desaturate by 10%, it is **4585B4**.

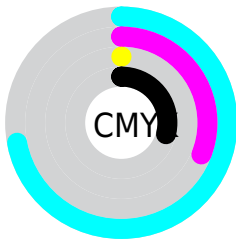
Distribution



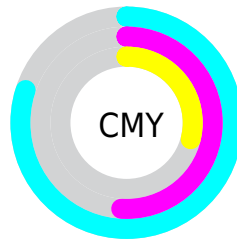
- Red (20%)
- Green (49%)
- Blue (71%)



- Red (20%)
- Yellow (38%)
- Blue (71%)



- Cyan (72%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337DB4 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 337DB4 by changing the saturation by 10% instead.

■ 337DB4

■ 337DB4

FFFFFF

■ 006499

■ 71B1EC

■ 004C7F

■ 8ECDFF

■ 003666

■ ABE9FF

■ 00214D

■ C8FFFF

■ 000736

■ E6FFFF

■ 000220

■ 000004

■ 000000

■ 337DB4

■ 337DB4

■ 2175B4

■ 4585B4

■ 0F6EB4

■ 578CB4

■ 0067B4

■ 6994B4

■ 7B9CB4

■ 8DA3B4

■ 9FABB4

■ B1B3B4

■ C3BAB4

■ D5C2B4

Harmonies

Analogous

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



0084A8



337DB4



6F72B0

Triad

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



337DB4



B26061



4F8452

Complementary

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



337DB4



B46A33

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.



737D3E



337DB4



A76848

Square

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



337DB4



AD5F80



91733A



17876F

Rectangle

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



337DB4



8C6BA5



91733A



5C824A

Sweetspot

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



337DB4



B7D5EB



33B469



576875



F5F5F5



757575

Same Dimension

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



337DB4



2195EB



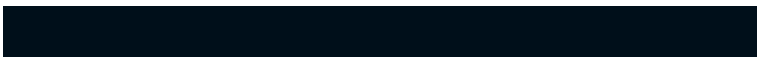
333EB4



505559



005899



000F1A

Inverse Universe

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



B4337D



EB2195



B4A933



595055



990058



1A000F

Previews

White Background



This preview shows how the Hex color 337DB4 looks on a white background.

Color Contrast Check

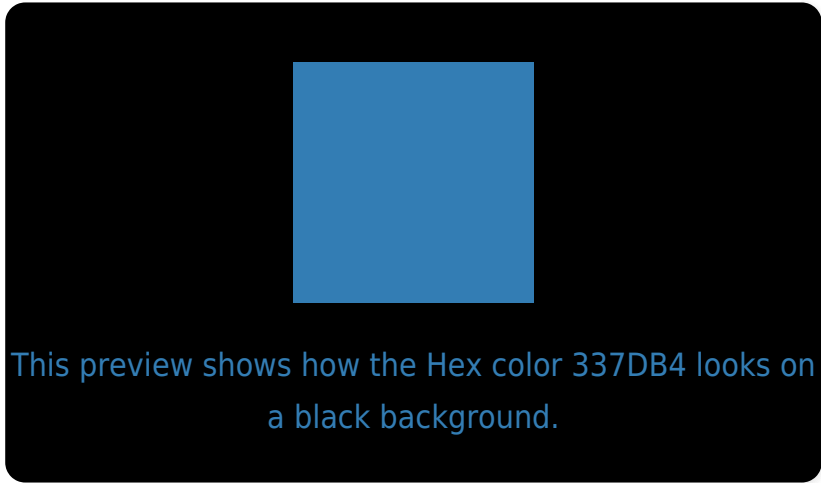
Large Text (above 18pt) WCAG AA ✓ Pass

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

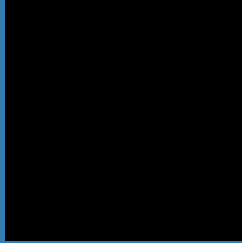
Any Text WCAG AA ✓ Pass

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 337DB4 Background



This preview shows how black text looks on a background with the Hex color 337DB4.

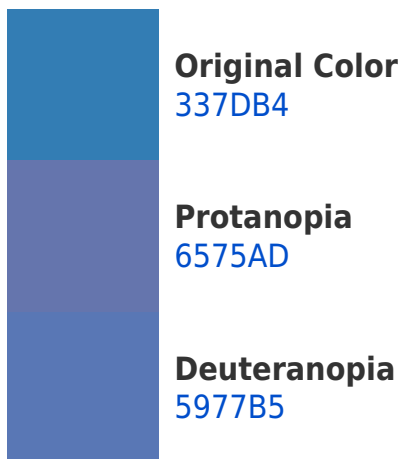


This preview shows how white text looks on a background with the Hex color 337DB4.

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](#).

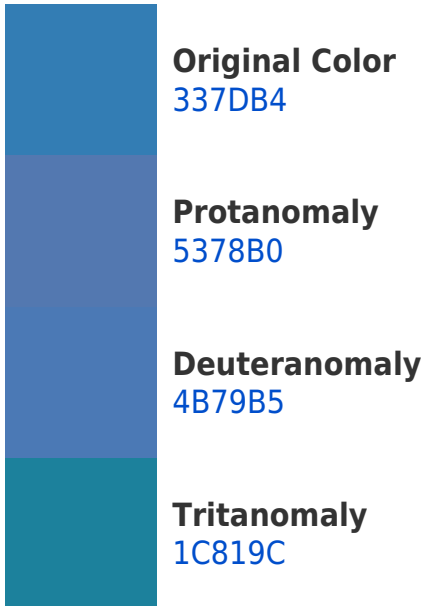
Dichromacy



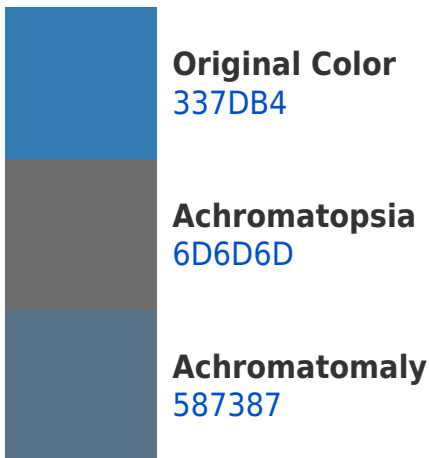


Tritanopia
0F848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 337DB4 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 #337DB4 looks like.

```
.text, #text, p{  
    color:#337DB4  
}
```

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 #337DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337DB4
}
```

Border

The CSS property to change the border of an element to Hex 337DB4 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
#337DB4 }
```

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

```
.border{ border-color:#337DB4 }
```

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

Here you see how a box with a 4 pixel #337DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337DB4; -webkit-box-shadow:4px 4px  
4px 4px #337DB4; box-shadow:4px 4px 4px  
4px #337DB4 }
```

Background

The CSS property to change the background color of an element to Hex 337DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337DB4 }
```

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

```
.background{ background-color:#337DB4 }
```

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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