

Converting Colors

Hex(337EA3)

Have a look what the booklet for
Hex(337EA3) contains.

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Color

Hex(337EA3)

Conversions

Conversions Part 1

Format	Color
Hex	337EA3
RGB	51, 126, 163
RGB Percent	20%, 49%, 64%
CMY	0.8000, 0.5059, 0.3608
CMYK	0.69, 0.23, 0.00, 0.36
HSL	200°, 52%, 42%
HSV	200°, 69%, 64%
XYZ	15.4370, 18.2699, 37.3632
YIQ	107.7930, -56.5770, -4.3930

Conversions

Conversions Part 2

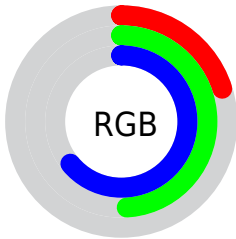
Format	Color
RYB	51, 96, 163
Decimal	3374755
CIELab	49.82, -10.91, -26.53
CIELCh	50, 28.692, 247.641
Yxy	18.2699, 0.2172, 0.2571
Android (android.graphics.Color)	4281564835 (0xFF337EA3)
YUV	107.7930, 27.2171, -49.8075
Hunter-Lab	42.7433, -10.3345, -21.9069

Details

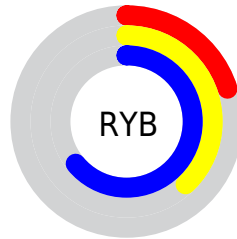
The Hex color **337EA3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A35833**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6EB3DA**, and **004D6F** is the 20% darker color. If you saturate the color by 10%, you get **2379A3**, and if you desaturate by 10%, it is **4383A3**.

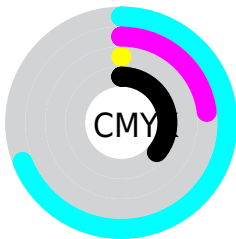
Distribution



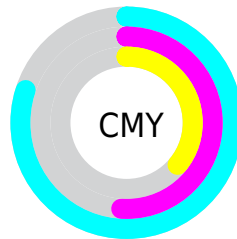
- Red (20%)
- Green (49%)
- Blue (64%)



- Red (20%)
- Yellow (38%)
- Blue (64%)



- Cyan (69%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337EA3 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 337EA3 by changing the saturation by 10% instead.

■ 337EA3

■ 337EA3

FFFFFF

■ 066589

■ 6EB3DA

■ 004D6F

■ 8BCEF7

■ 003657

■ A7EAFF

■ 00213F

■ C4FFFF

■ 000329

■ E2FFFF

■ 000113

■ 000000

■ 337EA3

■ 337EA3

■ 2379A3

■ 4383A3

■ 1273A3

■ 5489A3

■ 026EA3

■ 648EA3

■ 006DA3

■ 7494A3

■ 8599A3

■ 959EA3

■ A5A4A3

■ B5A9A3

■ C6AEA3

Harmonies

Analogous

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



0F8293



337EA3



5E77A7

Triad

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



337EA3



A66371



667E4F

Complementary

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



337EA3



A35833

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.



817746



337EA3



A3675A

Square

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



337EA3



9A668A



966F4A



488263

Rectangle

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



337EA3



7771A2



966F4A



6F7C4A

Sweetspot

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



337EA3



A7C5D4



33A356



50626B



EBEBEB



6B6B6B

Same Dimension

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



337EA3



269AD4



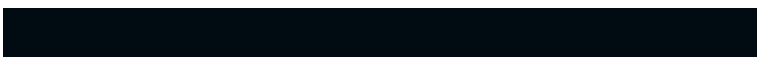
3348A3



494F52



006191



000C12

Inverse Universe

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



A3337E



D4269A



A38E33



52494F



910061



12000C

Previews

White Background



This preview shows how the Hex color 337EA3 looks on a white background.

Color Contrast Check

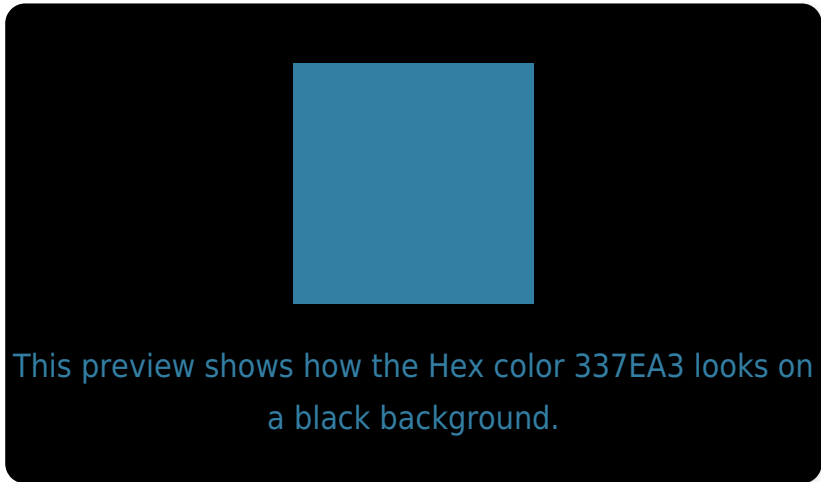
Large Text (above 18pt) WCAG AA ✓ Pass

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

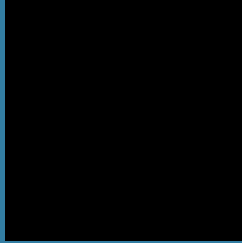
Any Text WCAG AA ✓ Pass

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 337EA3 Background



This preview shows how black text looks on a background with the Hex color 337EA3.

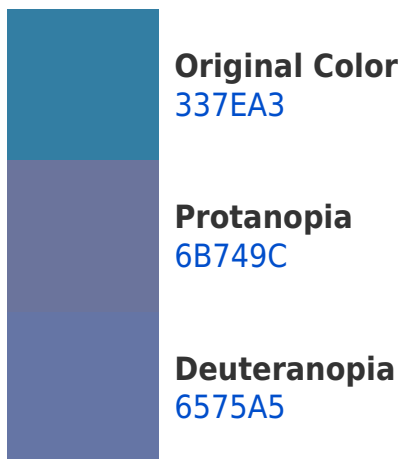


This preview shows how white text looks on a background with the Hex color 337EA3.

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](#).

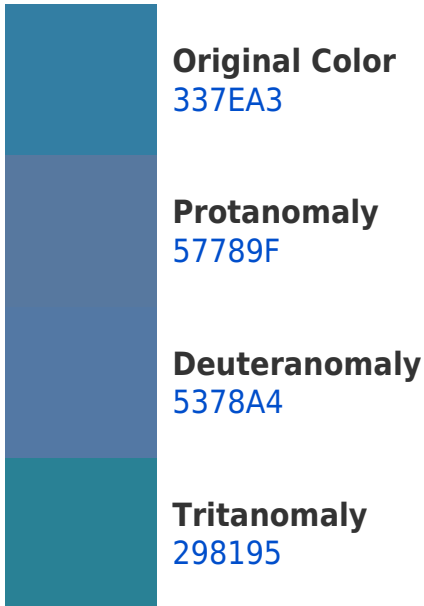
Dichromacy



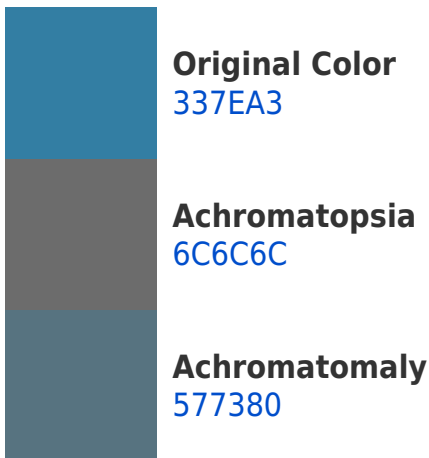


Tritanopia
24828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 337EA3 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 #337EA3 looks like.

```
.text, #text, p{  
    color:#337EA3  
}
```

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 #337EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337EA3  
}
```

Border

The CSS property to change the border of an element to Hex 337EA3 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  
#337EA3 }
```

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

```
.border{ border-color:#337EA3 }
```

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

Here you see how a box with a 4 pixel #337EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337EA3; -webkit-box-shadow:4px 4px  
4px 4px #337EA3; box-shadow:4px 4px 4px  
4px #337EA3 }
```

Background

The CSS property to change the background color of an element to Hex 337EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337EA3 }
```

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

```
.background{ background-color:#337EA3 }
```

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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