

Converting Colors

Hex(347ECF)

Have a look what the booklet for
Hex(347ECF) contains.

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Color

Hex(347ECF)

Conversions

Conversions Part 1

Format	Color
Hex	347ECF
RGB	52, 126, 207
RGB Percent	20%, 49%, 81%
CMY	0.7961, 0.5059, 0.1882
CMYK	0.75, 0.39, 0.00, 0.19
HSL	211°, 62%, 51%
HSV	211°, 75%, 81%
XYZ	20.1395, 20.1568, 61.8607
YIQ	113.1080, -70.1050, 9.5030

Conversions

Conversions Part 2

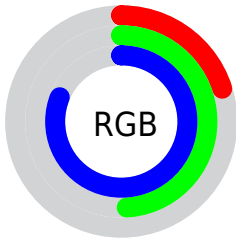
Format	Color
RYB	52, 102, 207
Decimal	3440335
CIELab	52.01, 4.92, -48.38
CIELCh	52, 48.630, 275.808
Yxy	20.1568, 0.1971, 0.1973
Android (android.graphics.Color)	4281630415 (0xFF347ECF)
YUV	113.1080, 46.2888, -53.5917
Hunter-Lab	44.8963, 1.5028, -50.2657

Details

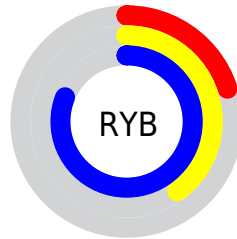
The Hex color **347ECF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **CF8534**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **77B2FF**, and **004E98** is the 20% darker color. If you saturate the color by 10%, you get **1F73CF**, and if you desaturate by 10%, it is **4989CF**.

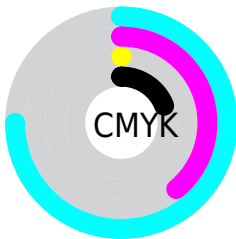
Distribution



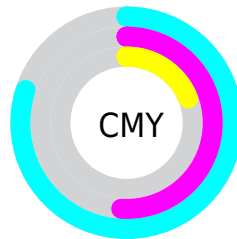
- Red (20%)
- Green (49%)
- Blue (81%)



- Red (20%)
- Yellow (40%)
- Blue (81%)



- Cyan (75%)
- Magenta (39%)
- Yellow (0%)
- Black (19%)



- Cyan (80%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347ECF 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 347ECF by changing the saturation by 10% instead.

■ 347ECF

■ 347ECF

FFFFFF

■ 0065B3

■ 77B2FF

■ 004E98

■ 95CEFF

■ 00387E

■ B3EAFF

■ 002364

■ D1FFFF

■ 000C4C

■ EFFFFFF

■ 000434

■ 00021E

■ 000000

■ 347ECF

■ 347ECF

■ 1F73CF

■ 4989CF

■ 0B68CF

■ 5D94CF

■ 0063CF

■ 729ECF

■ 87A9CF

■ 9BB4CF

■ B0BFCF

■ C5CACF

■ DAD5CF

■ EEDFCF

Harmonies

Analogous

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



0089C8



347ECF



896EC0

Triad

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



347ECF



C45E4E



148E58

Complementary

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



347ECF



CF8534

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.



5F8734



347ECF



AD6D2E

Square

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



347ECF



C85676



8B7D22



009083

Rectangle

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



347ECF



A962AB



8B7D22



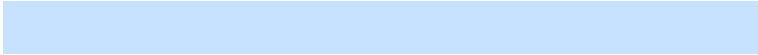
388C4B

Sweetspot

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



347ECF



C7E2FF



34CF84



5E6E80



000000



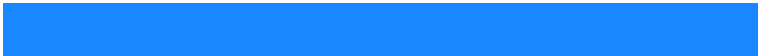
808080

Same Dimension

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



347ECF



1987FF



3734CF



5E6369



0050A8



001329

Inverse Universe

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



CF347E



FF1987



CCCF34



695E63



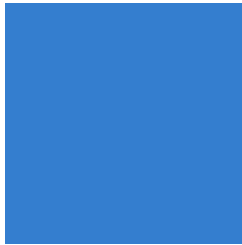
A80050



290013

Previews

White Background



This preview shows how the Hex color 347ECF looks on a white background.

Color Contrast Check

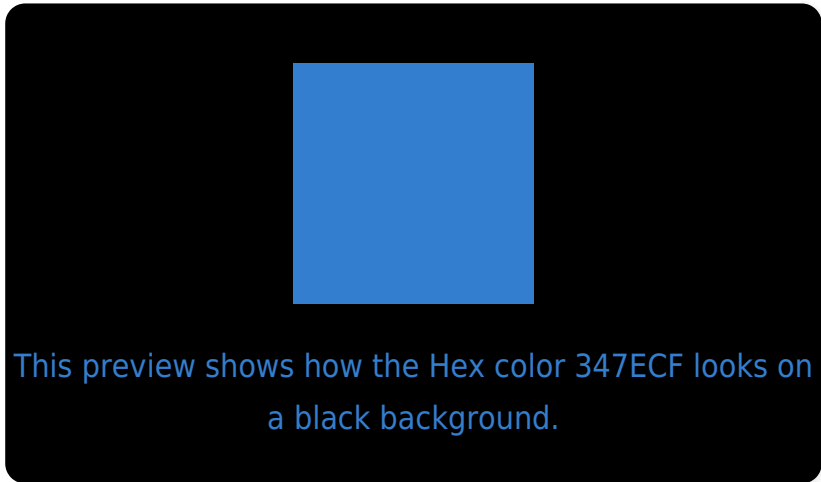
Large Text (above 18pt) WCAG AA ✓ Pass

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

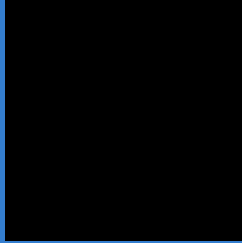
Any Text WCAG AA ✓ Pass

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 347ECF Background



This preview shows how black text looks on a background with the Hex color 347ECF.



This preview shows how white text looks on a background with the Hex color 347ECF.

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](#).

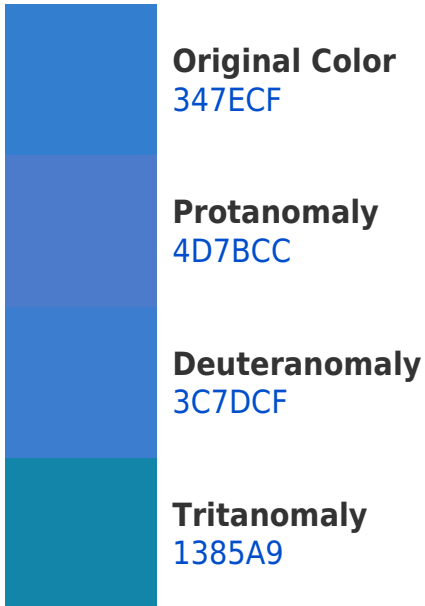
Dichromacy





Tritanopia
008994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 347ECF 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 #347ECF looks like.

```
.text, #text, p{  
    color:#347ECF  
}
```

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 #347ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347ECF
}
```

Border

The CSS property to change the border of an element to Hex 347ECF 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
#347ECF }
```

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

```
.border{ border-color:#347ECF }
```

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

Here you see how a box with a 4 pixel #347ECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347ECF; -webkit-box-shadow:4px 4px  
4px 4px #347ECF; box-shadow:4px 4px 4px  
4px #347ECF }
```

Background

The CSS property to change the background color of an element to Hex 347ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347ECF }
```

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

```
.background{ background-color:#347ECF }
```

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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