

Converting Colors

Hex(347EAB)

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

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Color

Hex(347EAB)

Conversions

Conversions Part 1

Format	Color
Hex	347EAB
RGB	52, 126, 171
RGB Percent	20%, 49%, 67%
CMY	0.7961, 0.5059, 0.3294
CMYK	0.70, 0.26, 0.00, 0.33
HSL	203°, 53%, 44%
HSV	203°, 70%, 67%
XYZ	16.2277, 18.5920, 41.2614
YIQ	109.0040, -58.5490, -1.6930

Conversions

Conversions Part 2

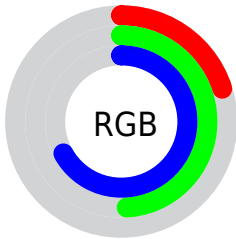
Format	Color
R_{YB}	52, 98, 171
Decimal	3440299
CIE _{Lab}	50.21, -7.99, -30.58
CIE _{LCh}	50, 31.608, 255.354
Yxy	18.5920, 0.2133, 0.2444
Android (android.graphics.Color)	4281630379 (0xFF347EAB)
YUV	109.0040, 30.5640, -49.9925
Hunter-Lab	43.1185, -8.2786, -26.5535

Details

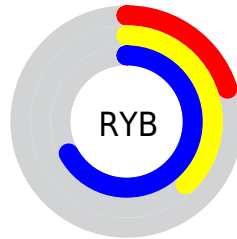
The Hex color **347EAB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB6134**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **70B3E3**, and **004D77** is the 20% darker color. If you saturate the color by 10%, you get **2378AB**, and if you desaturate by 10%, it is **4584AB**.

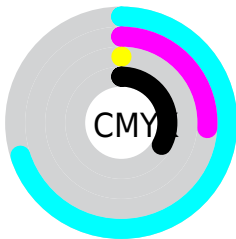
Distribution



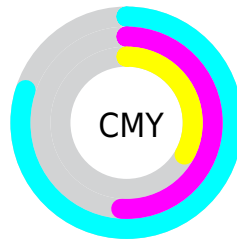
- Red (20%)
- Green (49%)
- Blue (67%)



- Red (20%)
- Yellow (38%)
- Blue (67%)



- Cyan (70%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (80%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 347EAB

■ 347EAB

FFFFFF

■ 046590

■ 70B3E3

■ 004D77

■ 8DCEFF

■ 00375E

■ AAEAFF

■ 002146

■ C7FFFF

■ 00052F

■ E4FFFF

■ 00011A

■ 000000

■ 347EAB

■ 347EAB

■ 2378AB

■ 4584AB

■ 1271AB

■ 568BAB

■ 016BAB

■ 6791AB

■ 006AAB

■ 7898AB

■ 899EAB

■ 9BA5AB

■ ACABAB

■ BDB2AB

■ CEB8AB

Harmonies

Analogous

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



00849D



347EAB



6675AB

Triad

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



347EAB



AC626B



5D8151

Complementary

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



347EAB



AB6134

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.



7B7A43



347EAB



A66852

Square

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



347EAB



A36486



947143



398569

Rectangle

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



347EAB



816FA3



947143



677F4B

Sweetspot

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



347EAB



AFCCDE



34AB60



546670



F0F0F0



707070

Same Dimension

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



347EAB



2397DE



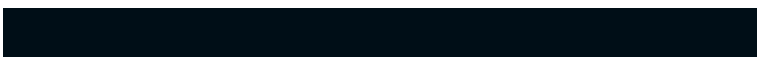
3444AB



4E5357



005E96



000E17

Inverse Universe

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



AB347E



DE2397



AB9B34



574E53



96005E



17000E

Previews

White Background



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

Color Contrast Check

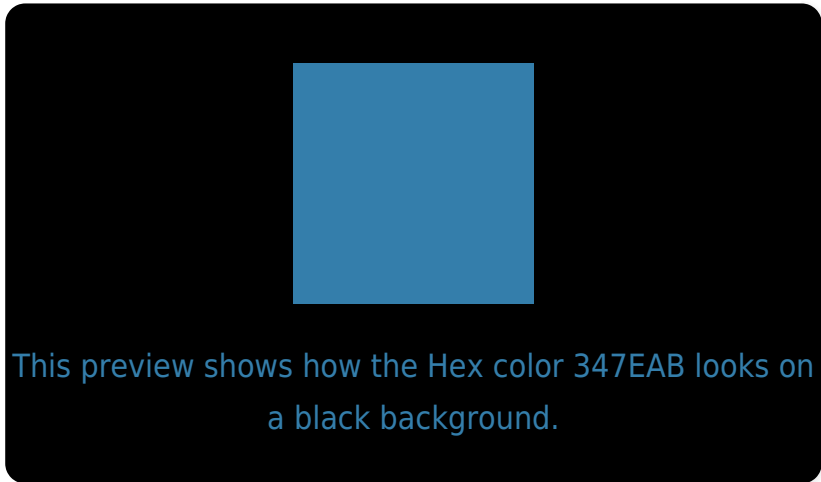
Large Text (above 18pt) WCAG AA ✓ Pass

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

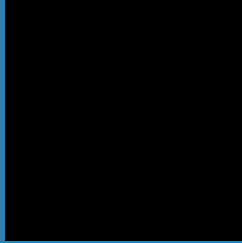
Any Text WCAG AA ✓ Pass

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 347EAB Background



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

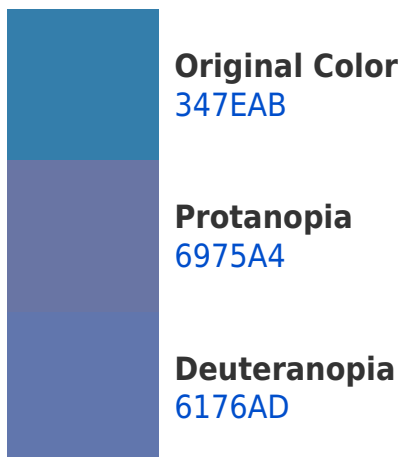


This preview shows how white text looks on a background with the Hex color 347EAB.

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](#).

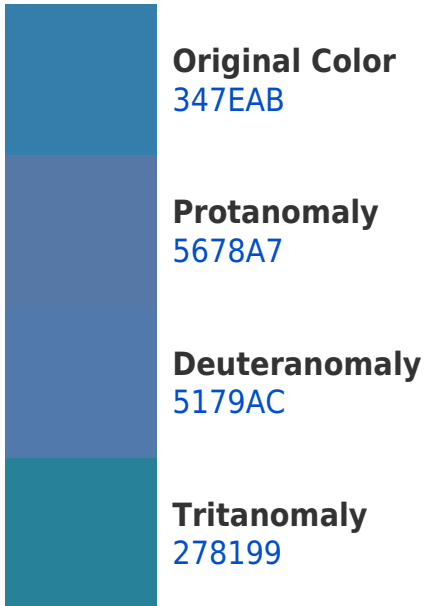
Dichromacy



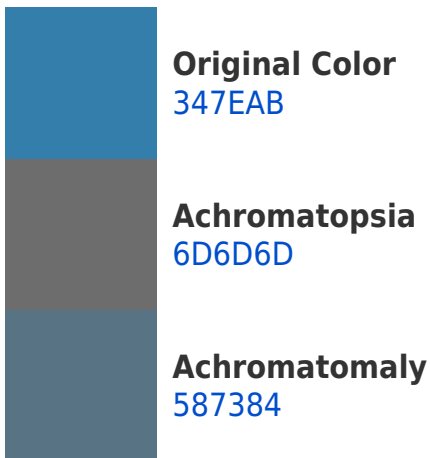


Tritanopia
1F838E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #347EAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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