

Converting Colors

Hex(344CEB)

Have a look what the booklet for
Hex(344CEB) contains.

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Color

Hex(344CEB)

Conversions

Conversions Part 1

Format	Color
Hex	344CEB
RGB	52, 76, 235
RGB Percent	20%, 30%, 92%
CMY	0.7961, 0.7020, 0.0784
CMYK	0.78, 0.68, 0.00, 0.08
HSL	232°, 82%, 56%
HSV	232°, 78%, 92%
XYZ	18.9960, 11.8971, 79.8924
YIQ	86.9500, -65.3430, 44.3610

Conversions

Conversions Part 2

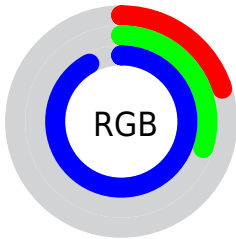
Format	Color
R_{YB}	52, 73, 235
Decimal	3427563
CIE _{Lab}	41.05, 46.42, -82.02
CIE _{LCh}	41, 94.248, 299.506
Yxy	11.8971, 0.1715, 0.1074
Android (android.graphics.Color)	4281617643 (0xFF344CEB)
YUV	86.9500, 72.9887, -30.6512
Hunter-Lab	34.4922, 37.9447, -113.1858

Details

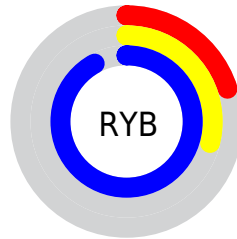
The Hex color **344CEB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **EBD334**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7F7DFF**, and **0020B2** is the 20% darker color. If you saturate the color by 10%, you get **1D38EB**, and if you desaturate by 10%, it is **4C60EB**.

Distribution



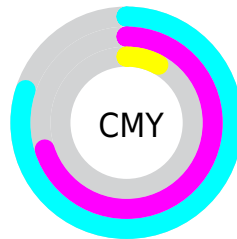
- Red (20%)
- Green (30%)
- Blue (92%)



- Red (20%)
- Yellow (29%)
- Blue (92%)



- Cyan (78%)
- Magenta (68%)
- Yellow (0%)
- Black (8%)



- Cyan (80%)
- Magenta (70%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344CEB 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 344CEB by changing the saturation by 10% instead.

 344CEB

 344CEB

FFFFFF

 0035CE

 7F7DFF

 0020B2

 9F97FF

 000D96

 BFB2FF


 00007B

 DECEFF

 000961

 FEEAFF

 000848

 000431

 00011B

 000000

■ 344CEB

■ 344CEB

■ 1D38EB

■ 4C60EB

■ 0523EB

■ 6375EB

■ 001FEB

■ 7B89EB

■ 929EEB

■ AAB2EB

■ C1C7EB

■ D9DBEB

■ F0EFEB

■ FFFFEB

Harmonies

Analogous

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



006EFF



344CEB



B600B1

Triad

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



344CEB



B13600



007C5E

Complementary

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



344CEB



EBD334

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.



007900



344CEB



785E00

Square

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



344CEB



D7001B



1E7100



007EAC

Rectangle

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



344CEB



D6007F



1E7100



007B42

Sweetspot

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



344CEB



C4CCFF



34EBD3



5C6080



000000



808080

Same Dimension

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



344CEB



1231FF



7734EB



6A6B75



0018B5



000736

Inverse Universe

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



EB344C



FF1231



A8EB34



756A6B



B50018



360007

Previews

White Background



This preview shows how the Hex color 344CEB looks on a white background.

Color Contrast Check

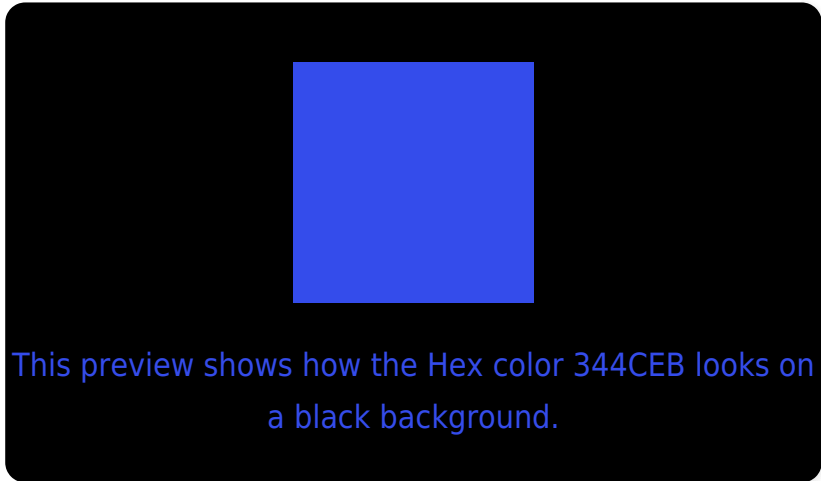
Large Text (above 18pt) WCAG AA ✓ Pass

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

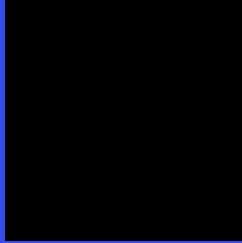
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 344CEB Background



This preview shows how black text looks on a background with the Hex color 344CEB.

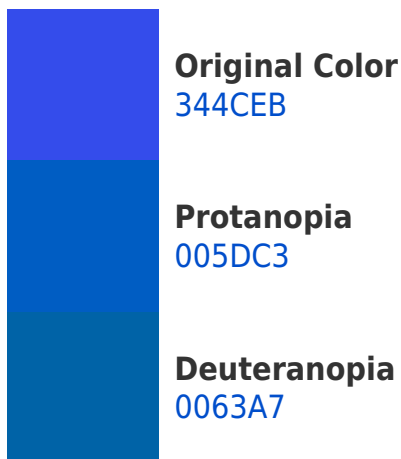


This preview shows how white text looks on a background with the Hex color 344CEB.

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



Trichromacy



Original Color
344CEB

Protanomaly
1357D2

Deuteranomaly
135BC0

Monochromacy



Original Color
344CEB

Achromatopsia
575757

Achromatomaly
4A538D

CSS Examples

Text

The CSS property to change the color of the text to Hex 344CEB 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 #344CEB looks like.

```
.text, #text, p{  
  color:#344CEB  
}
```

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 #344CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344CEB
}
```

Border

The CSS property to change the border of an element to Hex 344CEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

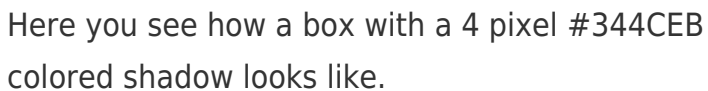
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344CEB }
```

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

```
.border{ border-color:#344CEB }
```

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



Here you see how a box with a 4 pixel #344CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344CEB; -webkit-box-shadow:4px 4px  
4px 4px #344CEB; box-shadow:4px 4px 4px  
4px #344CEB }
```

Background

The CSS property to change the background color of an element to Hex 344CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344CEB }
```

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

```
.background{ background-color:#344CEB }
```

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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