

Converting Colors

Hex(345AED)

Have a look what the booklet for
Hex(345AED) contains.

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Color

Hex(345AED)

Conversions

Conversions Part 1

Format	Color
Hex	345AED
RGB	52, 90, 237
RGB Percent	20%, 35%, 93%
CMY	0.7961, 0.6471, 0.0706
CMYK	0.78, 0.62, 0.00, 0.07
HSL	228°, 84%, 57%
HSV	228°, 78%, 93%
XYZ	20.3584, 14.1568, 81.7803
YIQ	95.3960, -69.8350, 37.6610

Conversions

Conversions Part 2

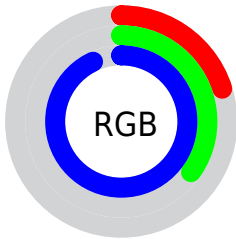
Format	Color
RYB	52, 84, 237
Decimal	3431149
CIELab	44.46, 38.57, -77.56
CIELCh	44, 86.624, 296.440
Yxy	14.1568, 0.1751, 0.1217
Android (android.graphics.Color)	4281621229 (0xFF345AED)
YUV	95.3960, 69.8108, -38.0583
Hunter-Lab	37.6255, 30.7379, -102.5308

Details

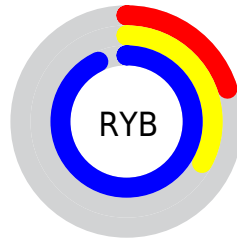
The Hex color **345AED** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EDC734**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7F8CFF**, and **002DB4** is the 20% darker color. If you saturate the color by 10%, you get **1C47ED**, and if you desaturate by 10%, it is **4C6DED**.

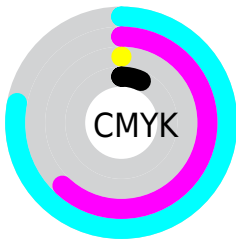
Distribution



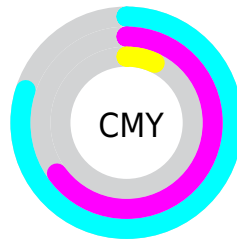
- Red (20%)
- Green (35%)
- Blue (93%)



- Red (20%)
- Yellow (33%)
- Blue (93%)



- Cyan (78%)
- Magenta (62%)
- Yellow (0%)
- Black (7%)



- Cyan (80%)
- Magenta (65%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345AED 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 345AED by changing the saturation by 10% instead.

 345AED

 345AED

FFFFFF

 0043D0

 7F8CFF

 002DB4

 9FA6FF

 001A98

 BEC1FF

 00087D

 DDDDFE

 000563

 FDFEAF

 00094A

 000433

 00021D

 000000

■ 345AED

■ 345AED

■ 1C47ED

■ 4C6DED

■ 0534ED

■ 6380ED

■ 0031ED

■ 7B92ED

■ 93A5ED

■ ABB8ED

■ C2CBED

■ DADEED

■ F2F1ED

■ FFFFED

Harmonies

Analogous

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



0076FC



345AED



B31FBA

Triad

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



345AED



BC3F00



00845E

Complementary

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



345AED



EDC734

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.



008000



345AED



886400

Square

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



345AED



DC02F



407700



0086A8

Rectangle

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



345AED



D4008D



407700



008344

Sweetspot

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



345AED



C4D0FF



34EDC5



5C6380



000000



808080

Same Dimension

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



345AED



0F41FF



6834ED



6A6C75



0025B5



000B36

Inverse Universe

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



ED345A



FF0F41



B9ED34



756A6C



B50025



36000B

Previews

White Background



This preview shows how the Hex color 345AED looks on a white background.

Color Contrast Check

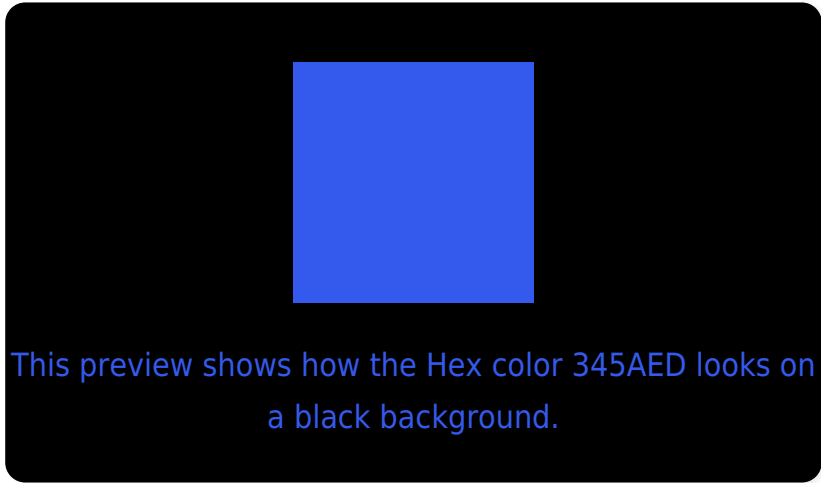
Large Text (above 18pt) WCAG AA ✓ Pass

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

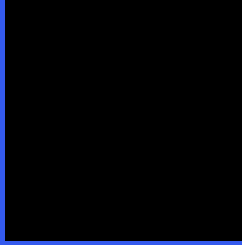
Any Text WCAG AA × Fail

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 345AED Background



This preview shows how black text looks on a background with the Hex color 345AED.

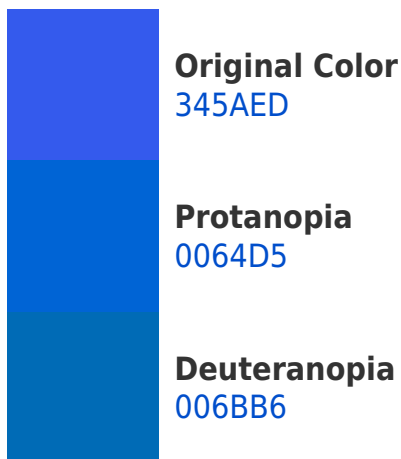


This preview shows how white text looks on a background with the Hex color 345AED.

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](#).

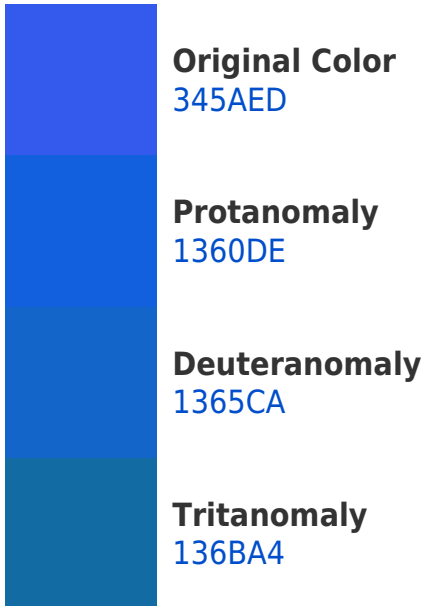
Dichromacy



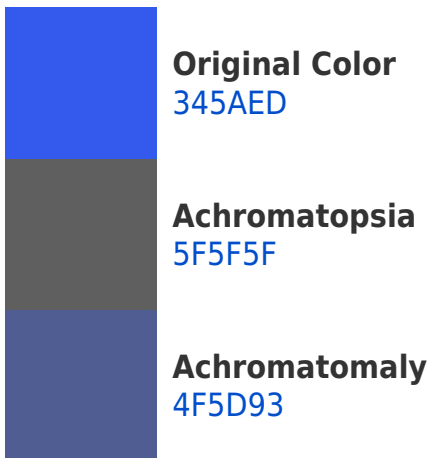


Tritanopia
00747B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 345AED 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 #345AED looks like.

```
.text, #text, p{  
    color:#345AED  
}
```

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 #345AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345AED
}
```

Border

The CSS property to change the border of an element to Hex 345AED 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
#345AED }
```

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

```
.border{ border-color:#345AED }
```

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

Here you see how a box with a 4 pixel #345AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345AED; -webkit-box-shadow:4px 4px  
4px 4px #345AED; box-shadow:4px 4px 4px  
4px #345AED }
```

Background

The CSS property to change the background color of an element to Hex 345AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345AED }
```

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

```
.background{ background-color:#345AED }
```

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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