

Converting Colors

Hex(3346E1)

Have a look what the booklet for
Hex(3346E1) contains.

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Color

Hex(3346E1)

Conversions

Conversions Part 1

Format	Color
Hex	3346E1
RGB	51, 70, 225
RGB Percent	20%, 27%, 88%
CMY	0.8000, 0.7255, 0.1176
CMYK	0.77, 0.69, 0.00, 0.12
HSL	233°, 74%, 54%
HSV	233°, 77%, 88%
XYZ	17.1460, 10.5204, 72.3611
YIQ	81.9890, -61.0790, 44.1770

Conversions

Conversions Part 2

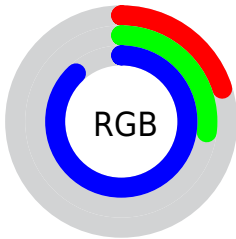
Format	Color
R_{YB}	51, 68, 225
Decimal	3360481
CIE _{Lab}	38.76, 46.48, -80.12
CIE _{LCh}	39, 92.625, 300.120
Yxy	10.5204, 0.1714, 0.1052
Android (android.graphics.Color)	4281550561 (0xFF3346E1)
YUV	81.9890, 70.5044, -27.1774
Hunter-Lab	32.4351, 37.5981, -109.5684

Details

The Hex color **3346E1** 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 **E1CE33**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7D77FF**, and **001AA8** is the 20% darker color. If you saturate the color by 10%, you get **1C32E1**, and if you desaturate by 10%, it is **495AE1**.

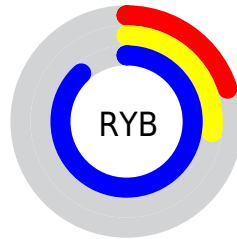
Distribution



 Red (20%)

 Green (27%)

 Blue (88%)




 Red (20%)

 Yellow (27%)

 Blue (88%)

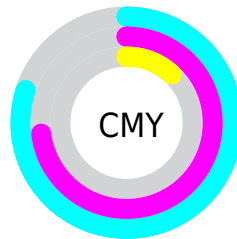


 Cyan (77%)


 Magenta (69%)

 Yellow (0%)

 Black (12%)



 Cyan (80%)

 Magenta (73%)

 Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3346E1 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 3346E1 by changing the saturation by 10% instead.

■ 3346E1

FFFFFF

■ 7D77FF

■ 9D91FF

■ BCACFF

■ DBC7FF

■ FAE3FF

■ 3346E1

■ 002FC4

■ 001AA8

■ 00078D

■ 000072

■ 000D59

■ 000740

■ 000329

■ 000113

■ 000000

■ 3346E1

■ 3346E1

■ 1C32E1

■ 495AE1

■ 061EE1

■ 606EE1

■ 0019E1

■ 7682E1

■ 8D96E1

■ A3AAE1

■ BABEE1

■ D0D2E1

■ E7E6E1

■ FDFAE1

Harmonies

Analogous

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



0068F6



3346E1



AF00A8

Triad

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



3346E1



A83200



00765A

Complementary

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



3346E1



E1CE33

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.



007300



3346E1



705900

Square

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



3346E1



CD0016



126B00



0077A6

Rectangle

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



3346E1



CD0078



126B00



00753F

Sweetspot

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



3346E1



C4CBFF



33E1CD



5C6080



000000



808080

Same Dimension

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



3346E1



122CFF



7633E1



656670



0013B0



000530

Inverse Universe

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



E13346



FF122C



9EE133



706566



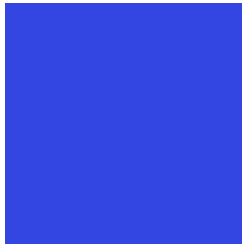
B00013



300005

Previews

White Background



This preview shows how the Hex color 3346E1 looks on a white background.

Color Contrast Check

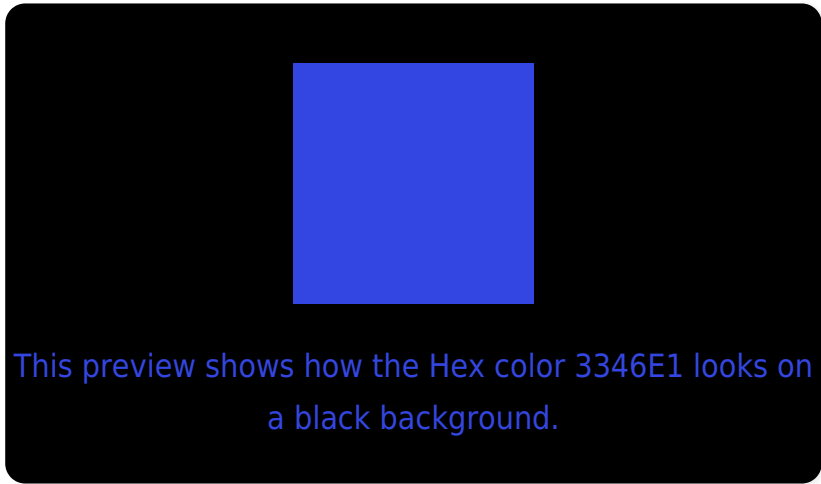
Large Text (above 18pt) WCAG AA ✓ Pass

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

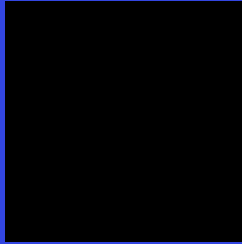
Any Text WCAG AA × Fail

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 3346E1 Background



This preview shows how black text looks on a background with the Hex color 3346E1.

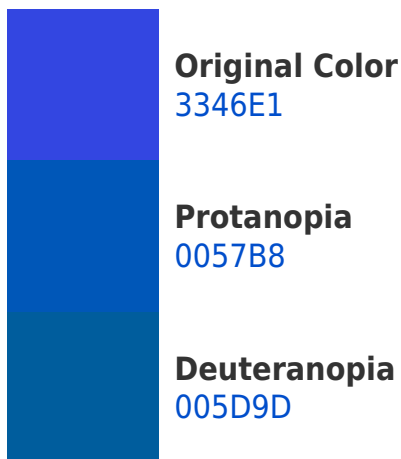


This preview shows how white text looks on a background with the Hex color 3346E1.

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](#).

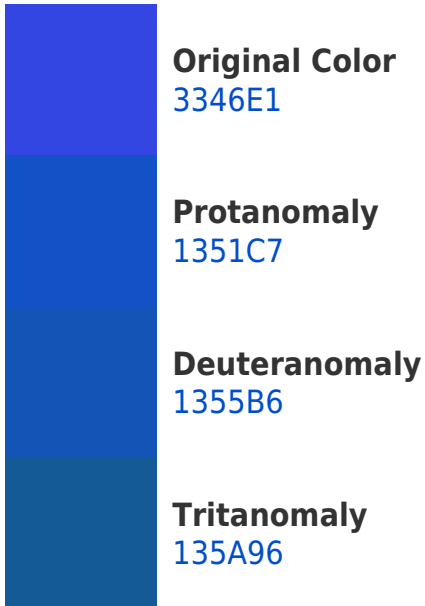
Dichromacy





Tritanopia
00656B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3346E1 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 #3346E1 looks like.

```
.text, #text, p{  
    color:#3346E1  
}
```

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 #3346E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3346E1
}
```

Border

The CSS property to change the border of an element to Hex 3346E1 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
#3346E1 }
```

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

```
.border{ border-color:#3346E1 }
```

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

Here you see how a box with a 4 pixel #3346E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3346E1; -webkit-box-shadow:4px 4px  
4px 4px #3346E1; box-shadow:4px 4px 4px  
4px #3346E1 }
```

Background

The CSS property to change the background color of an element to Hex 3346E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3346E1 }
```

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

```
.background{ background-color:#3346E1 }
```

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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