

Converting Colors

Hex(3340E8)

Have a look what the booklet for
Hex(3340E8) contains.

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Color

Hex(3340E8)

Conversions

Conversions Part 1

Format	Color
Hex	3340E8
RGB	51, 64, 232
RGB Percent	20%, 25%, 91%
CMY	0.8000, 0.7490, 0.0902
CMYK	0.78, 0.72, 0.00, 0.09
HSL	236°, 80%, 55%
HSV	236°, 78%, 91%
XYZ	17.7641, 10.1968, 77.3758
YIQ	79.2650, -61.6760, 49.4920

Conversions

Conversions Part 2

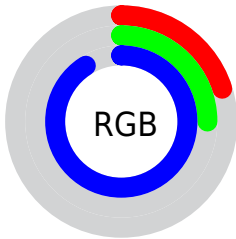
Format	Color
RYB	51, 63, 232
Decimal	3358952
CIELab	38.19, 52.28, -85.04
CIELCh	38, 99.824, 301.582
Yxy	10.1968, 0.1686, 0.0968
Android (android.graphics.Color)	4281549032 (0xFF3340E8)
YUV	79.2650, 75.2984, -24.7884
Hunter-Lab	31.9324, 43.4185, -121.3136

Details

The Hex color **3340E8** 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 **E8DB33**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7F71FF**, and **0012AF** is the 20% darker color. If you saturate the color by 10%, you get **1C2AE8**, and if you desaturate by 10%, it is **4A56E8**.

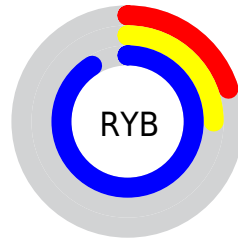
Distribution



Red (20%)

Green (25%)

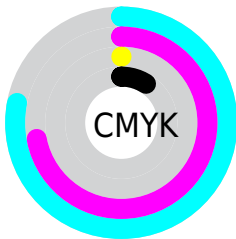
Blue (91%)



Red (20%)

Yellow (25%)

Blue (91%)

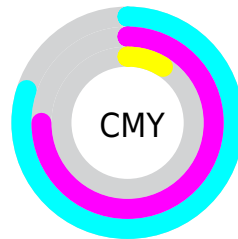


Cyan (78%)

Magenta (72%)

Yellow (0%)

Black (9%)



Cyan (80%)

Magenta (75%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3340E8 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 3340E8 by changing the saturation by 10% instead.

 3340E8

 3340E8

FFFFFF

 0029CB

 7F71FF

 0012AF

 9F8BFF

 000193

 BFA6FF

 000079

 DEC1FF

 000D5E

 FEDEFF

 000846

 FFFAFF

 00042E

 000119

 000000

■ 3340E8

■ 3340E8

■ 1C2AE8

■ 4A56E8

■ 0515E8

■ 616BE8

■ 0011E8

■ 7981E8

■ 9096E8

■ A7ACE8

■ BEC1E8

■ D5D7E8

■ EDECE8

■ FFFFE8

Harmonies

Analogous

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



0067FF



3340E8



B700A9

Triad

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



3340E8



A82E00



00755D

Complementary

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



3340E8



E8DB33

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.



007200



3340E8



6B5900

Square

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



3340E8



D1000A



006B00



0077AE

Rectangle

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



3340E8



D50074



006B00



007440

Sweetspot

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



3340E8



C4C9FF



33E8D9



5C5E80



000000



808080

Same Dimension

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



3340E8



0F21FF



7E33E8



676873



000DB3



000433

Inverse Universe

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



E83340



FF0F21



9DE833



736768



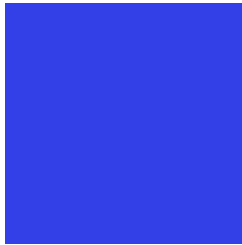
B3000D



330004

Previews

White Background



This preview shows how the Hex color 3340E8 looks on a white background.

Color Contrast Check

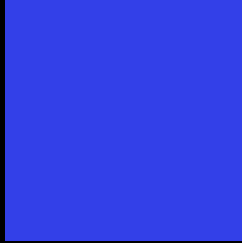
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3340E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

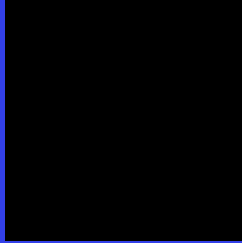
Any Text WCAG AA × Fail

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 3340E8 Background



This preview shows how black text looks on a background with the Hex color 3340E8.

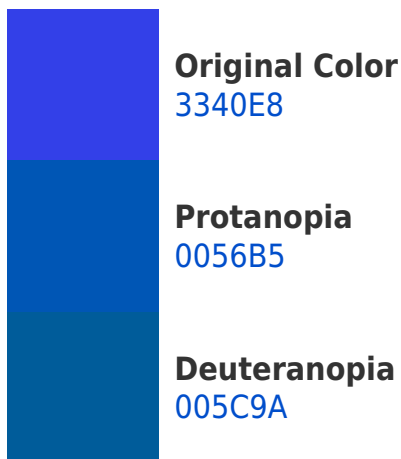


This preview shows how white text looks on a background with the Hex color 3340E8.

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
3340E8

Protanomaly
134EC8

Deuteranomaly
1352B6

Tritanomaly
135697

Monochromacy



Original Color
3340E8

Achromatopsia
4F4F4F

Achromatomaly
454A87

CSS Examples

Text

The CSS property to change the color of the text to Hex 3340E8 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 #3340E8 looks like.

```
.text, #text, p{  
    color:#3340E8  
}
```

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 #3340E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3340E8
}
```

Border

The CSS property to change the border of an element to Hex 3340E8 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
#3340E8 }
```

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

```
.border{ border-color:#3340E8 }
```

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

Here you see how a box with a 4 pixel #3340E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3340E8; -webkit-box-shadow:4px 4px  
4px 4px #3340E8; box-shadow:4px 4px 4px  
4px #3340E8 }
```

Background

The CSS property to change the background color of an element to Hex 3340E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3340E8 }
```

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

```
.background{ background-color:#3340E8 }
```

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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