

Converting Colors

Hex(334ED2)

Have a look what the booklet for
Hex(334ED2) contains.

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Color

Hex(334ED2)

Conversions

Conversions Part 1

Format	Color
Hex	334ED2
RGB	51, 78, 210
RGB Percent	20%, 31%, 82%
CMY	0.8000, 0.6941, 0.1765
CMYK	0.76, 0.63, 0.00, 0.18
HSL	230°, 64%, 51%
HSV	230°, 76%, 82%
XYZ	15.7225, 10.8057, 62.2298
YIQ	84.9750, -58.4640, 35.3280

Conversions

Conversions Part 2

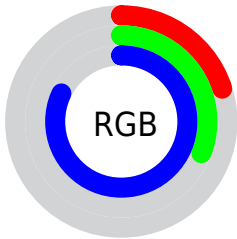
Format	Color
RYB	51, 74, 210
Decimal	3362514
CIELab	39.25, 36.32, -70.71
CIElCh	39, 79.496, 297.185
Yxy	10.8057, 0.1771, 0.1217
Android (android.graphics.Color)	4281552594 (0xFF334ED2)
YUV	84.9750, 61.6373, -29.7961
Hunter-Lab	32.8721, 27.8492, -89.2309

Details

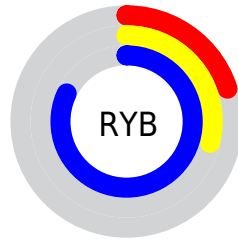
The Hex color **334ED2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **D2B733**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **797FFF**, and **00229A** is the 20% darker color. If you saturate the color by 10%, you get **1E3DD2**, and if you desaturate by 10%, it is **485FD2**.

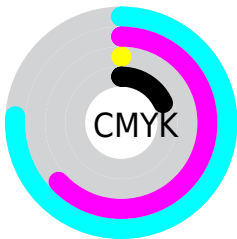
Distribution



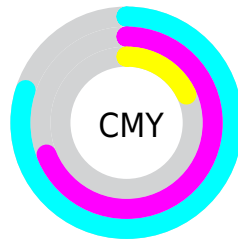
- Red (20%)
- Green (31%)
- Blue (82%)



- Red (20%)
- Yellow (29%)
- Blue (82%)



- Cyan (76%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334ED2 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 334ED2 by changing the saturation by 10% instead.

 334ED2

 334ED2

FFFFFF

 0037B6

 797FFF

 00229A

 9899FF

 00107F

 B6B4FF


 000066


 D5CFFF

 00094C

 F3EBFF

 000535

 00021F

 000001

 000000

■ 334ED2

■ 334ED2

■ 1E3DD2

■ 485FD2

■ 092BD2

■ 5D71D2

■ 0024D2

■ 7282D2

■ 8794D2

■ 9CA5D2

■ B1B7D2

■ C6C8D2

■ DBD9D2

■ F0EBD2

Harmonies

Analogous

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



0068E1



334ED2



A017A4

Triad

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



334ED2



A63700



007554

Complementary

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



334ED2



D2B733

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.



007102



334ED2



775800

Square

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



334ED2



C30027



366900



007697

Rectangle

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



334ED2



BD007B



366900



00743D

Sweetspot

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



334ED2



C4CEFF



33D2B5



5C6280



000000



808080

Same Dimension

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



334ED2



173EFF



6533D2



5E6069



001DA8



000729

Inverse Universe

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



D2334E



FF173E



A0D233



695E60



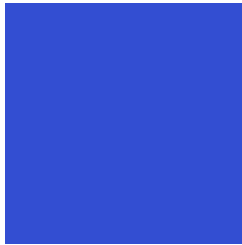
A8001D



290007

Previews

White Background



This preview shows how the Hex color 334ED2 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

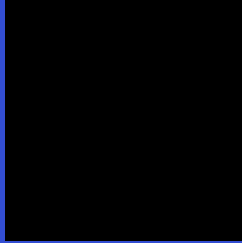
Any Text WCAG AA × Fail

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 334ED2 Background



This preview shows how black text looks on a background with the Hex color 334ED2.



This preview shows how white text looks on a background with the Hex color 334ED2.

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
334ED2

Protanomaly
1355C3

Deuteranomaly
1358B3

Monochromacy



Original Color
334ED2

Achromatopsia
555555

Achromatomaly
495282

CSS Examples

Text

The CSS property to change the color of the text to Hex 334ED2 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 #334ED2 looks like.

```
.text, #text, p{  
    color:#334ED2  
}
```

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 #334ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334ED2
}
```

Border

The CSS property to change the border of an element to Hex 334ED2 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
#334ED2 }
```

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

```
.border{ border-color:#334ED2 }
```

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

Here you see how a box with a 4 pixel #334ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334ED2; -webkit-box-shadow:4px 4px  
4px 4px #334ED2; box-shadow:4px 4px 4px  
4px #334ED2 }
```

Background

The CSS property to change the background color of an element to Hex 334ED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334ED2 }
```

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

```
.background{ background-color:#334ED2 }
```

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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