

Converting Colors

Hex(333FA4)

Have a look what the booklet for
Hex(333FA4) contains.

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Color

Hex(333FA4)

Conversions

Conversions Part 1

Format	Color
Hex	333FA4
RGB	51, 63, 164
RGB Percent	20%, 25%, 64%
CMY	0.8000, 0.7529, 0.3569
CMYK	0.69, 0.62, 0.00, 0.36
HSL	234°, 53%, 42%
HSV	234°, 69%, 64%
XYZ	9.8436, 6.9392, 35.9425
YIQ	70.9260, -39.5730, 28.8670

Conversions

Conversions Part 2

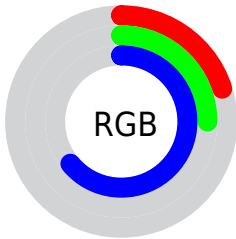
Format	Color
RYB	51, 62, 164
Decimal	3358628
CIELab	31.67, 29.34, -56.04
CIElCh	32, 63.253, 297.636
Yxy	6.9392, 0.1867, 0.1316
Android (android.graphics.Color)	4281548708 (0xFF333FA4)
YUV	70.9260, 45.8855, -17.4751
Hunter-Lab	26.3423, 20.6029, -62.4582

Details

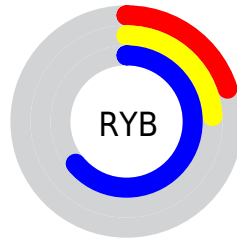
The Hex color **333FA4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A49833**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6F6FDC**, and **00156F** is the 20% darker color. If you saturate the color by 10%, you get **2330A4**, and if you desaturate by 10%, it is **434EA4**.

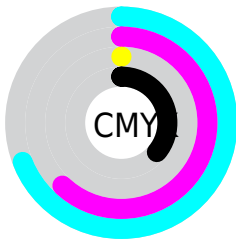
Distribution



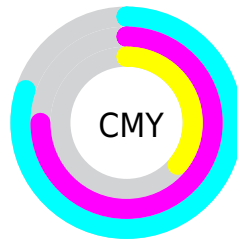
- Red (20%)
- Green (25%)
- Blue (64%)



- Red (20%)
- Yellow (24%)
- Blue (64%)



- Cyan (69%)
- Magenta (62%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (75%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333FA4 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 333FA4 by changing the saturation by 10% instead.



333FA4



333FA4

FFFFFF



032989



6F6FDC



00156F



8C88F9



000056



A9A2FF



00063E



C6BDFF



000327



E4D9FF



000110



FFF6FF



000000



333FA4



333FA4



2330A4



434EA4

■ 1222A4

■ 545CA4

■ 0213A4

■ 646BA4

■ 0011A4

■ 757AA4

■ 8588A4

■ 9597A4

■ A6A6A4

■ B6B4A4

■ C7C3A4

Harmonies

Analogous

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



0053B0



333FA4



801B81

Triad

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



333FA4



843000



005E45

Complementary

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



333FA4



A49833

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.



005B0C



333FA4



5F4700

Square

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



333FA4



9A0020



2F5500



005F78

Rectangle

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



333FA4



960061



2F5500



005D33

Sweetspot

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



333FA4



A9AED6



33A497



50536B



EBEBEB



6B6B6B

Same Dimension

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



333FA4



2437D6



5E33A4



494A52



000F91



000212

Inverse Universe

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



A4333F



D62437



79A433



52494A



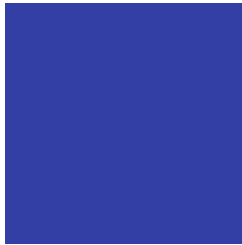
91000F



120002

Previews

White Background



This preview shows how the Hex color 333FA4 looks on a white background.

Color Contrast Check

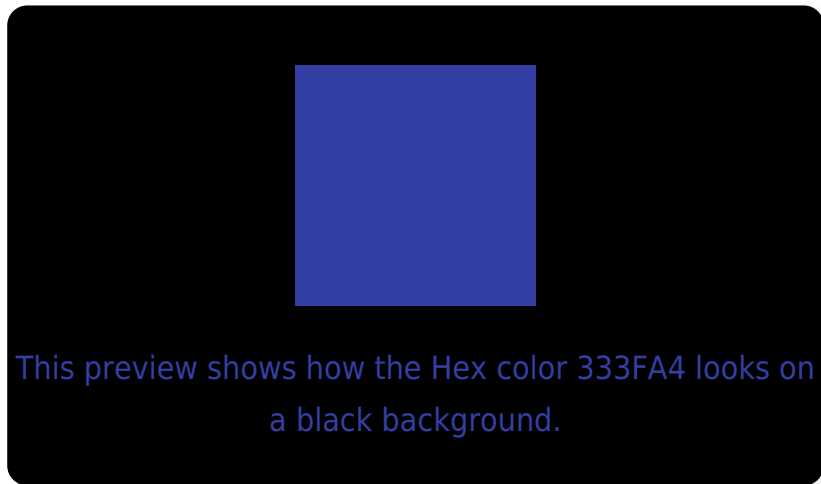
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

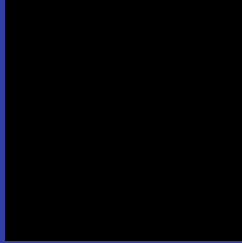
Any Text WCAG AA × Fail

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 333FA4 Background



This preview shows how black text looks on a background with the Hex color 333FA4.

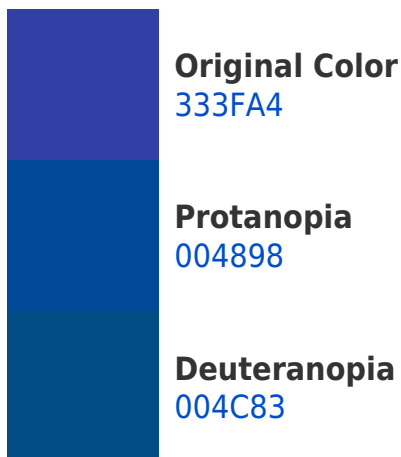


This preview shows how white text looks on a background with the Hex color 333FA4.

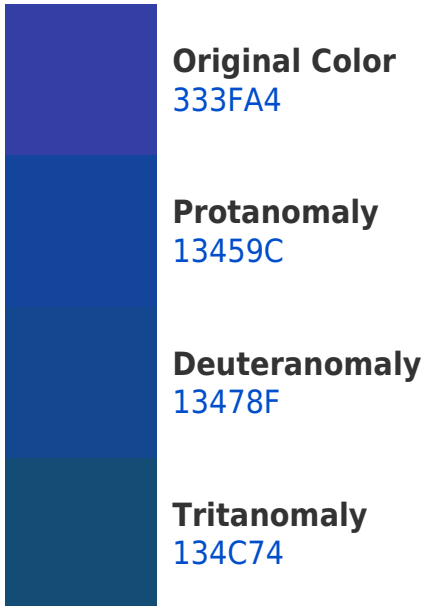
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 333FA4 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 #333FA4 looks like.

```
.text, #text, p{  
    color:#333FA4  
}
```

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 #333FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333FA4
}
```

Border

The CSS property to change the border of an element to Hex 333FA4 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
#333FA4 }
```

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

```
.border{ border-color:#333FA4 }
```

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

Here you see how a box with a 4 pixel #333FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333FA4; -webkit-box-shadow:4px 4px  
4px 4px #333FA4; box-shadow:4px 4px 4px  
4px #333FA4 }
```

Background

The CSS property to change the background color of an element to Hex 333FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333FA4 }
```

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

```
.background{ background-color:#333FA4 }
```

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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