

Converting Colors

Hex(3354CC)

Have a look what the booklet for
Hex(3354CC) contains.

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Color

Hex(3354CC)

Conversions

Conversions Part 1

Format	Color
Hex	3354CC
RGB	51, 84, 204
RGB Percent	20%, 33%, 80%
CMY	0.8000, 0.6706, 0.2000
CMYK	0.75, 0.59, 0.00, 0.20
HSL	227°, 60%, 50%
HSV	227°, 75%, 80%
XYZ	15.4346, 11.4041, 58.5145
YIQ	87.8130, -58.1880, 30.3240

Conversions

Conversions Part 2

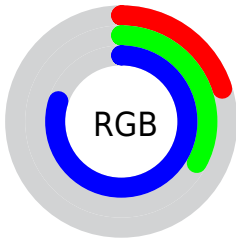
Format	Color
RYB	51, 78, 204
Decimal	3364044
CIELab	40.25, 30.32, -65.62
CIElCh	40, 72.281, 294.799
Yxy	11.4041, 0.1808, 0.1336
Android (android.graphics.Color)	4281554124 (0xFF3354CC)
YUV	87.8130, 57.2802, -32.2850
Hunter-Lab	33.7699, 22.4865, -79.0951

Details

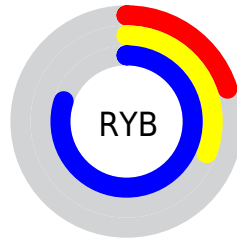
The Hex color **3354CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CCAB33**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7785FF**, and **002895** is the 20% darker color. If you saturate the color by 10%, you get **1F44CC**, and if you desaturate by 10%, it is **4764CC**.

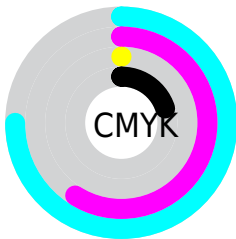
Distribution



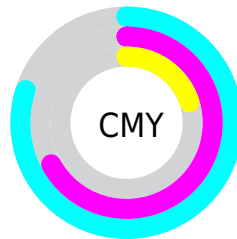
- Red (20%)
- Green (33%)
- Blue (80%)



- Red (20%)
- Yellow (31%)
- Blue (80%)



- Cyan (75%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3354CC 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 3354CC by changing the saturation by 10% instead.

■ 3354CC

■ 3354CC

FFFFFF

■ 003DB0

■ 7785FF

■ 002895

■ 959FFF

■ 00157A

■ B3BAFF

■ 000061

■ D2D6FF

■ 000848

■ F0F2FF

■ 000430

■ 00011A

■ 000000

■ 3354CC

■ 3354CC

■ 1F44CC

■ 4764CC

■ 0A34CC

■ 5C74CC

■ 002CCC

■ 7084CC

■ 8594CC

■ 99A4CC

■ ADB4CC

■ C2C4CC

■ D6D4CC

■ EBE4CC

Harmonies

Analogous

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



006AD7



3354CC



992EA4

Triad

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



3354CC



A73C00



007652

Complementary

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



3354CC



CCAB33

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.



00720C



3354CC



7D5900

Square

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



3354CC



C00132



456A00



00778F

Rectangle

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



3354CC



B6007F



456A00



00753D

Sweetspot

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



3354CC



C4D1FF



33CCAB



5C6480



000000



808080

Same Dimension

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



3354CC



194BFF



5E33CC



5C5E66



0024A6



000826

Inverse Universe

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



CC3354



FF194B



A1CC33



665C5E



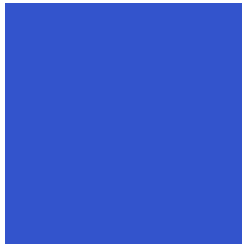
A60024



260008

Previews

White Background



This preview shows how the Hex color 3354CC looks on a white background.

Color Contrast Check

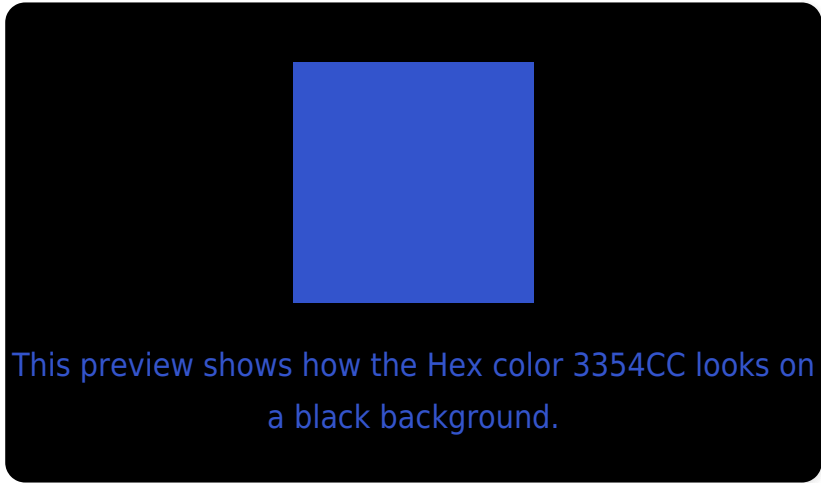
Large Text (above 18pt) WCAG AA ✓ Pass

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

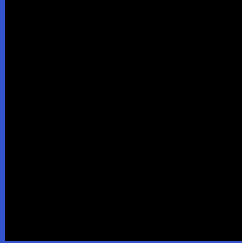
Any Text WCAG AA × Fail

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 3354CC Background



This preview shows how black text looks on a background with the Hex color 3354CC.



This preview shows how white text looks on a background with the Hex color 3354CC.

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



Original Color
3354CC

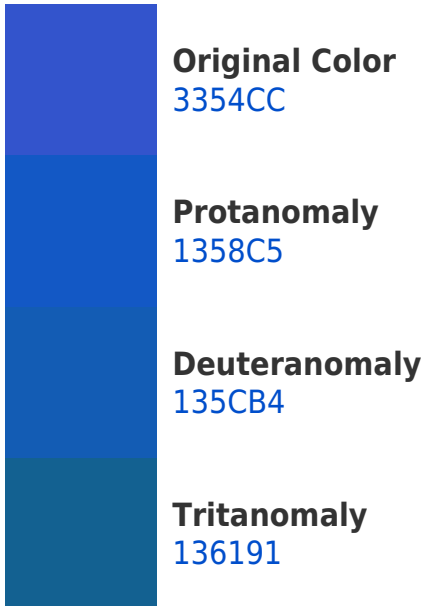
Protanopia
005BC1

Deuteranopia
0061A6

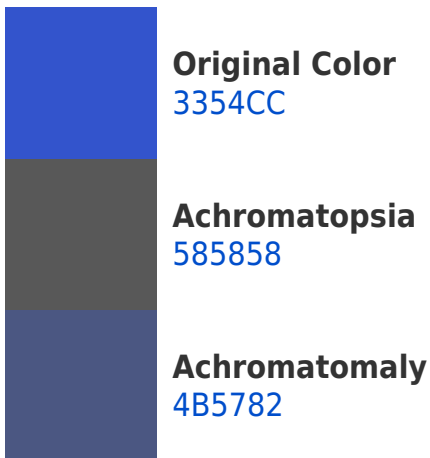


Tritanopia
006970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3354CC 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 #3354CC looks like.

```
.text, #text, p{  
    color:#3354CC  
}
```

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 #3354CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3354CC  
}
```

Border

The CSS property to change the border of an element to Hex 3354CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

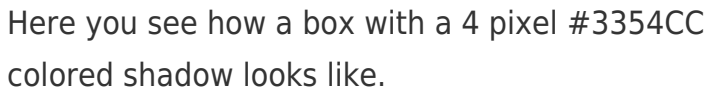
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3354CC }
```

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

```
.border{ border-color:#3354CC }
```

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



Here you see how a box with a 4 pixel #3354CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3354CC; -webkit-box-shadow:4px 4px  
4px 4px #3354CC; box-shadow:4px 4px 4px  
4px #3354CC }
```

Background

The CSS property to change the background color of an element to Hex 3354CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3354CC }
```

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

```
.background{ background-color:#3354CC }
```

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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