

Converting Colors

Hex(3350B6)

Have a look what the booklet for
Hex(3350B6) contains.

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Color

Hex(3350B6)

Conversions

Conversions Part 1

Format	Color
Hex	3350B6
RGB	51, 80, 182
RGB Percent	20%, 31%, 71%
CMY	0.8000, 0.6863, 0.2863
CMYK	0.72, 0.56, 0.00, 0.29
HSL	227°, 56%, 46%
HSV	227°, 72%, 71%
XYZ	12.6774, 9.8185, 45.4830
YIQ	82.9570, -50.0260, 25.5740

Conversions

Conversions Part 2

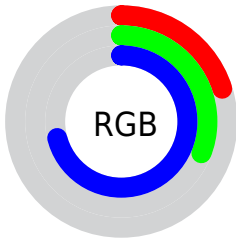
Format	Color
RYB	51, 75, 182
Decimal	3362998
CIELab	37.51, 24.80, -57.24
CIELCh	38, 62.381, 293.425
Yxy	9.8185, 0.1865, 0.1444
Android (android.graphics.Color)	4281553078 (0xFF3350B6)
YUV	82.9570, 48.8282, -28.0263
Hunter-Lab	31.3345, 17.3825, -64.1270

Details

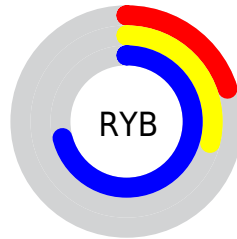
The Hex color **3350B6** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B69933**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7281EF**, and **002580** is the 20% darker color. If you saturate the color by 10%, you get **2142B6**, and if you desaturate by 10%, it is **455EB6**.

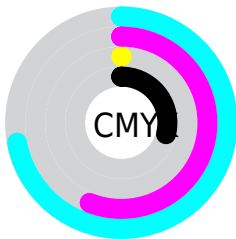
Distribution



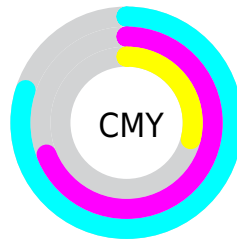
- Red (20%)
- Green (31%)
- Blue (71%)



- Red (20%)
- Yellow (29%)
- Blue (71%)



- Cyan (72%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3350B6 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 3350B6 by changing the saturation by 10% instead.

■ 3350B6

■ 3350B6

FFFFFF

■ 00399B

■ 7281EF

■ 002580

■ 909BFF

■ 001266

■ ADB5FF

■ 00004E

■ CAD1FF

■ 000536

■ E8EDFF

■ 00021F

■ 000003

■ 000000

■ 3350B6

■ 3350B6

■ 2142B6

■ 455EB6

■ 0F34B6

■ 576CB6

■ 0028B6

■ 6A7BB6

■ 7C89B6

■ 8E97B6

■ A0A5B6

■ B2B3B6

■ C5C1B6

■ D7D0B6

Harmonies

Analogous

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



0062BE



3350B6



883395

Triad

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



3350B6



993B00



006D4B

Complementary

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



3350B6



B69933

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.



006913



3350B6



755200

Square

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



3350B6



AD1A34



466100



006E7F

Rectangle

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



3350B6



A21B76



466100



006C39

Sweetspot

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



3350B6



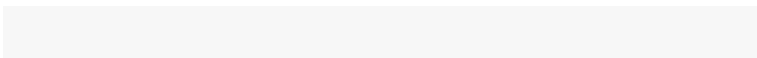
B9C5ED



33B697



596078



F7F7F7



787878

Same Dimension

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



3350B6



214EED



5633B6



53555C



00229C



00061C

Inverse Universe

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



B63350



ED214E



93B633



5C5355



9C0022



1C0006

Previews

White Background



This preview shows how the Hex color 3350B6 looks on a white background.

Color Contrast Check

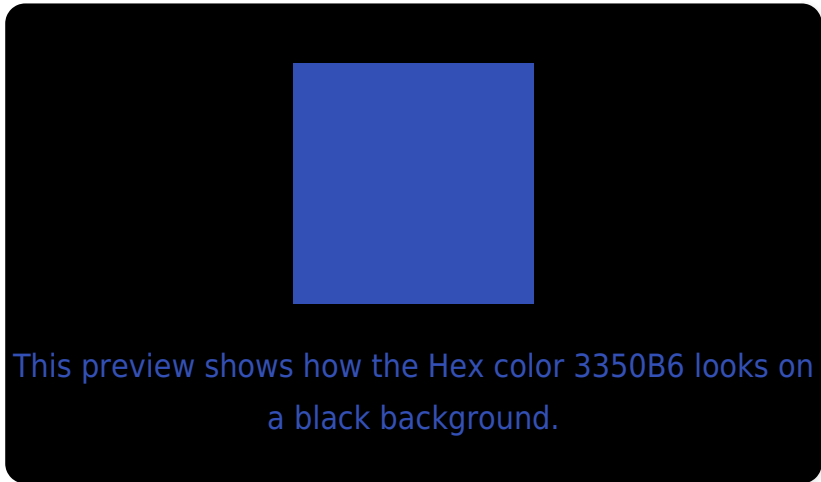
Large Text (above 18pt) WCAG AA ✓ Pass

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

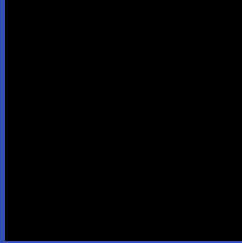
Any Text WCAG AA × Fail

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 3350B6 Background



This preview shows how black text looks on a background with the Hex color 3350B6.

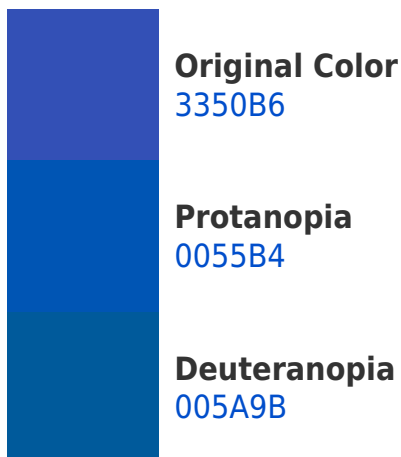


This preview shows how white text looks on a background with the Hex color 3350B6.

Color Blindness Simulation

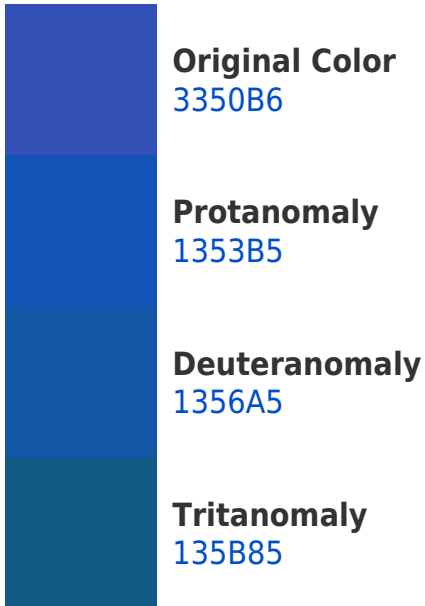
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

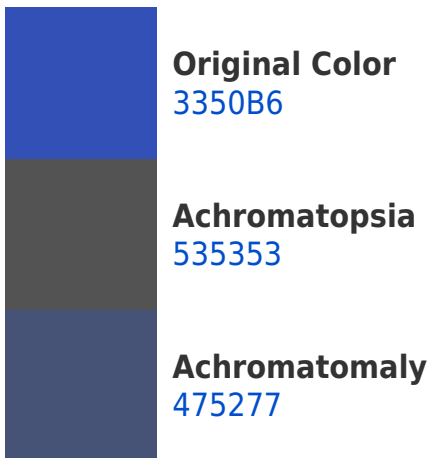




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3350B6 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 #3350B6 looks like.

```
.text, #text, p{  
    color:#3350B6  
}
```

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 #3350B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3350B6
}
```

Border

The CSS property to change the border of an element to Hex 3350B6 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
#3350B6 }
```

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

```
.border{ border-color:#3350B6 }
```

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

Here you see how a box with a 4 pixel #3350B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3350B6; -webkit-box-shadow:4px 4px  
4px 4px #3350B6; box-shadow:4px 4px 4px  
4px #3350B6 }
```

Background

The CSS property to change the background color of an element to Hex 3350B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3350B6 }
```

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

```
.background{ background-color:#3350B6 }
```

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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