

# Converting Colors

Hex(351BE0)

Have a look what the booklet for  
Hex(351BE0) contains.

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# Color

**Hex(351BE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	351BE0
RGB	53, 27, 224
RGB Percent	21%, 11%, 88%
CMY	0.7922, 0.8941, 0.1216
CMYK	0.76, 0.88, 0.00, 0.12
HSL	248°, 78%, 49%
HSV	248°, 88%, 88%
XYZ	15.3147, 6.9226, 71.0500
YIQ	57.2320, -47.7410, 66.7790

# Conversions

## Conversions Part 2

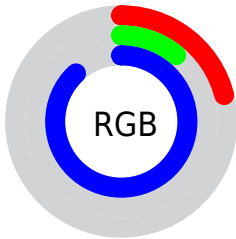
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	53, 27, 224
Decimal	3480544
CIE Lab	31.63, 66.78, -91.35
CIE LCh	32, 113.156, 306.166
Yxy	6.9226, 0.1642, 0.0742
Android (android.graphics.Color)	4281670624 (0xFF351BE0)
YUV	57.2320, 82.2166, -3.7115
Hunter-Lab	26.3108, 57.8554, -141.6901

# Details

The Hex color **351BE0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C6E01B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8152FF**, and **0000A7** is the 20% darker color. If you saturate the color by 10%, you get **2205E0**, and if you desaturate by 10%, it is **4831E0**.

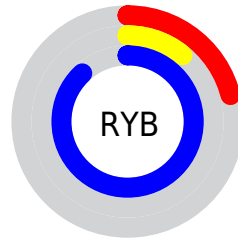
# Distribution



Red (21%)

Green (11%)

Blue (88%)



Red (21%)

Yellow (11%)

Blue (88%)

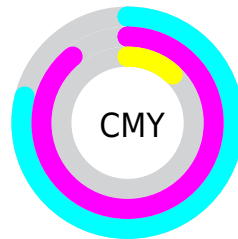


Cyan (76%)

Magenta (88%)

Yellow (0%)

Black (12%)



Cyan (79%)

Magenta (89%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 351BE0 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 351BE0 by changing the saturation by 10% instead.



 351BE0

 351BE0

FFFFFF

 0000C3

 8152FF

 0000A7

 A16CFF

 00008C

 C187FF

 000071

 E1A2FF

 000C57

 FFBEFF

 00063F

 FFDBFF

 000328

 FFF8FF

 000112

 000000

■ 351BE0

■ 351BE0

■ 2205E0

■ 4831E0

■ 1E00E0

■ 5C48E0

■ 6F5EE0

■ 8375E0

■ 968BE0

■ AAA1E0

■ BDB8E0

■ D1CEE0

■ E4E5E0

# Harmonies

## Analogous

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



0057FF



351BE0



B80095

# Triad

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



351BE0



911E00



00655C

# Complementary

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



351BE0



C6E01B

# 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.



006200



351BE0



4B4E00

# Square

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



351BE0



C20000



005D00



0068B5

# Rectangle

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



351BE0



D1005A



005D00



00643C



# Sweetspot

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



351BE0



C5BDFF



1BC9E0



5D5880



000000



808080



# Same Dimension

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



351BE0



2200FF



941BE0



666570



1700B0



060030



# Inverse Universe

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



E01BC6



FF00DD



67E01B



70656F



B00099

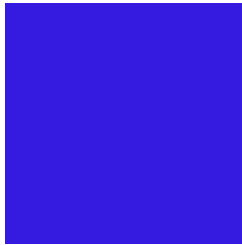


30002A



# Previews

## White Background



This preview shows how the Hex color 351BE0 looks on a white background.

## Color Contrast Check

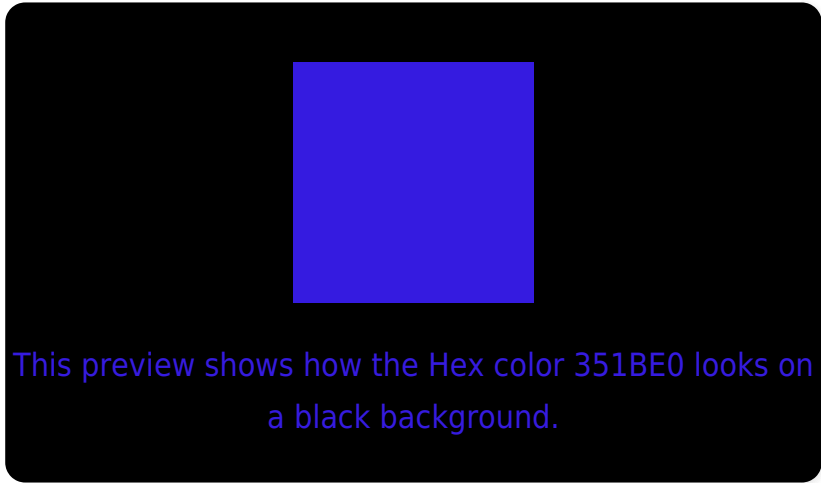
Large Text (above 18pt) WCAG AA ✓ Pass

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

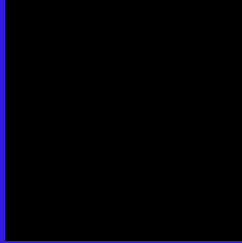
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 351BE0 Background



This preview shows how black text looks on a background with the Hex color 351BE0.



This preview shows how white text looks on a background with the Hex color 351BE0.

# 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**  
351BE0

**Protanomaly**  
1338B1

**Deuteranomaly**  
133BA3

**Tritanomaly**  
133E89

# Monochromacy



**Original Color**  
351BE0

**Achromatopsia**  
393939

**Achromatomaly**  
382E76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 351BE0 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 #351BE0 looks like.

```
.text, #text, p{  
    color:#351BE0  
}
```

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 #351BE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351BE0
}
```

## Border

The CSS property to change the border of an element to Hex 351BE0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

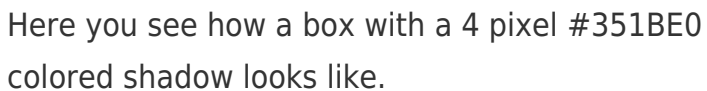
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#351BE0 }
```

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

```
.border{ border-color:#351BE0 }
```

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



Here you see how a box with a 4 pixel #351BE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351BE0; -webkit-box-shadow:4px 4px  
4px 4px #351BE0; box-shadow:4px 4px 4px  
4px #351BE0 }
```

# Background

The CSS property to change the background color of an element to Hex 351BE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351BE0 }
```

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

```
.background{ background-color:#351BE0 }
```

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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