

Converting Colors

Hex(350CBF)

Have a look what the booklet for
Hex(350CBF) contains.

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Color

Hex(350CBF)

Conversions

Conversions Part 1

Format	Color
Hex	350CBF
RGB	53, 12, 191
RGB Percent	21%, 5%, 75%
CMY	0.7922, 0.9529, 0.2510
CMYK	0.72, 0.94, 0.00, 0.25
HSL	254°, 88%, 40%
HSV	254°, 94%, 75%
XYZ	11.0036, 4.7814, 49.6332
YIQ	44.6650, -33.0230, 64.3610

Conversions

Conversions Part 2

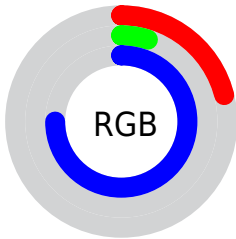
Format	Color
RYB	53, 12, 191
Decimal	3476671
CIELab	26.10, 62.21, -81.33
CIElCh	26, 102.397, 307.413
Yxy	4.7814, 0.1682, 0.0731
Android (android.graphics.Color)	4281666751 (0xFF350CBF)
YUV	44.6650, 72.1432, 7.3098
Hunter-Lab	21.8664, 51.5585, -119.2718

Details

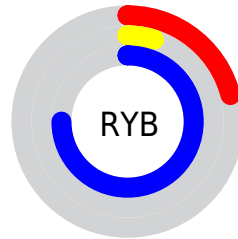
The Hex color **350CBF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **96BF0C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7A46F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **2C00BF**, and if you desaturate by 10%, it is **441FBF**.

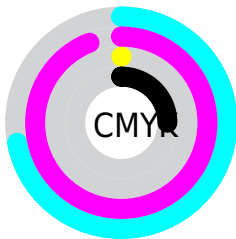
Distribution



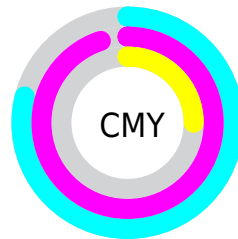
- Red (21%)
- Green (5%)
- Blue (75%)



- Red (21%)
- Yellow (5%)
- Blue (75%)



- Cyan (72%)
- Magenta (94%)
- Yellow (0%)
- Black (25%)



- Cyan (79%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 350CBF 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 350CBF by changing the saturation by 10% instead.

 350CBF

 350CBF

FFFFFF

 0000A3

 7A46F9

 000088

 9960FF

 00006D

 B87BFF

 000A54

 D796FF

 00063C

 F6B1FF

 000225

 FFCEFF

 00010D

 FFEAFF

 000000

 350CBF

 350CBF

■ 2C00BF

■ 441FBF

■ 5232BF

■ 6145BF

■ 7058BF

■ 7F6CBF

■ 8D7FBF

■ 9C92BF

■ ABA5BF

■ BAB8BF

Harmonies

Analogous

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



0048E1



350CBF



A0007C

Triad

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



350CBF



791A00



005551

Complementary

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



350CBF



96BF0C

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.



005300



350CBF



3B4200

Square

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



350CBF



A50000



004F00



00579E

Rectangle

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



350CBF



B40049



004F00



005435

Sweetspot

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



350CBF



C2B2F7



0C98BF



5C527D



FCFCFC



7D7D7D

Same Dimension

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



350CBF



3900F7



8C0CBF



57555E



24009E



07001F

Inverse Universe

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



BF0C96



F700BF



3FBF0C



5E555C



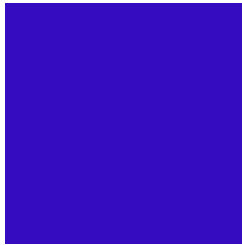
9E007A



1F0018

Previews

White Background



This preview shows how the Hex color 350CBF looks on a white background.

Color Contrast Check

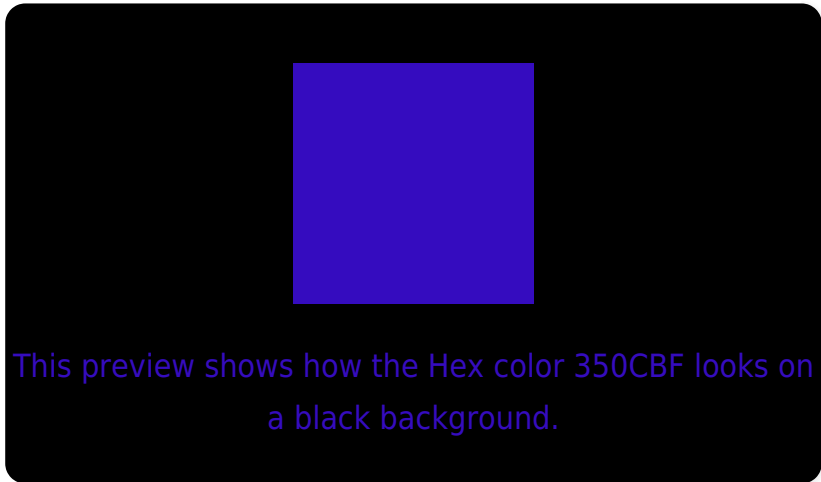
Large Text (above 18pt) WCAG AA ✓ Pass

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

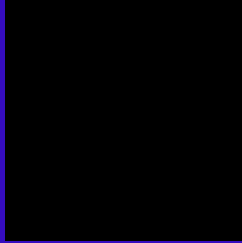
Any Text WCAG AA × Fail

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 350CBF Background



This preview shows how black text looks on a background with the Hex color 350CBF.



This preview shows how white text looks on a background with the Hex color 350CBF.

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
350CBF

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
350CBF

Protanomaly
132B96

Deuteranomaly
132E8A

Tritanomaly
133175

Monochromacy



Original Color
350CBF

Achromatopsia
2D2D2D

Achromatomaly
302162

CSS Examples

Text

The CSS property to change the color of the text to Hex 350CBF 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 #350CBF looks like.

```
.text, #text, p{  
    color:#350CBF  
}
```

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 #350CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #350CBF
}
```

Border

The CSS property to change the border of an element to Hex 350CBF 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
#350CBF }
```

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

```
.border{ border-color:#350CBF }
```

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

Here you see how a box with a 4 pixel #350CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #350CBF; -webkit-box-shadow:4px 4px  
4px 4px #350CBF; box-shadow:4px 4px 4px  
4px #350CBF }
```

Background

The CSS property to change the background color of an element to Hex 350CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#350CBF }
```

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

```
.background{ background-color:#350CBF }
```

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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