

Converting Colors

Hex(351A9D)

Have a look what the booklet for
Hex(351A9D) contains.

Hex(351A9D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(351A9D)

Conversions

Conversions Part 1

Format	Color
Hex	351A9D
RGB	53, 26, 157
RGB Percent	21%, 10%, 62%
CMY	0.7922, 0.8980, 0.3843
CMYK	0.66, 0.83, 0.00, 0.38
HSL	252°, 72%, 36%
HSV	252°, 83%, 62%
XYZ	7.9234, 3.9300, 32.2392
YIQ	49.0070, -25.9590, 46.4650

Conversions

Conversions Part 2

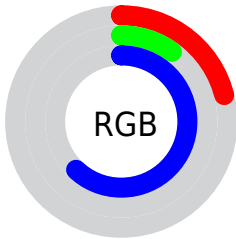
Format	Color
RYB	53, 26, 157
Decimal	3480221
CIELab	23.44, 48.43, -65.30
CIELCh	23, 81.301, 306.559
Yxy	3.9300, 0.1797, 0.0891
Android (android.graphics.Color)	4281670301 (0xFF351A9D)
YUV	49.0070, 53.2405, 3.5019
Hunter-Lab	19.8242, 36.6510, -82.5438

Details

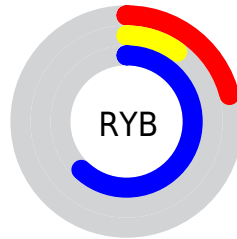
The Hex color **351A9D** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **829D1A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **724BD5**, and **000068** is the 20% darker color. If you saturate the color by 10%, you get **290A9D**, and if you desaturate by 10%, it is **412A9D**.

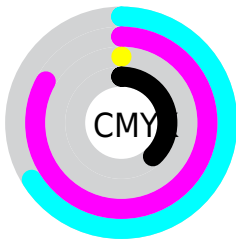
Distribution



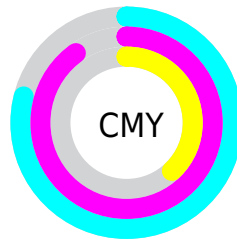
- Red (21%)
- Green (10%)
- Blue (62%)



- Red (21%)
- Yellow (10%)
- Blue (62%)



- Cyan (66%)
- Magenta (83%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (90%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 351A9D 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 351A9D by changing the saturation by 10% instead.

■ 351A9D

■ 351A9D

FFFFFF

■ 050082

■ 724BD5

■ 000068

■ 8F64F2

■ 00004F

■ AD7EFF

■ 000537

■ CA99FF

■ 000221

■ E8B4FF

■ 000006

■ FFD0FF

■ 000000

■ FFEDFF

■ 351A9D

■ 351A9D

■ 290A9D

■ 412A9D

■ 20009D

■ 4E399D

■ 5A499D

■ 67599D

■ 73699D

■ 80789D

■ 8C889D

■ 99989D

■ A5A79D

Harmonies

Analogous

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



003FB6



351A9D



84006A

Triad

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



351A9D



6A1E00



004C45

Complementary

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



351A9D



829D1A

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.



004A00



351A9D



3A3B00

Square

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



351A9D



8C0000



004600



004D81

Rectangle

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



351A9D



960042



004600



004B2F

Sweetspot

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



351A9D



A499CC



1A839D



4E4766



E6E6E6



666666

Same Dimension

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



351A9D



2A00CC



761A9D



49474F



1D008F



03000F

Inverse Universe

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



9D1A82



CC00A2



419D1A



4F474D



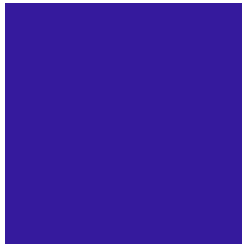
8F0071



0F000C

Previews

White Background



This preview shows how the Hex color 351A9D looks on a white background.

Color Contrast Check

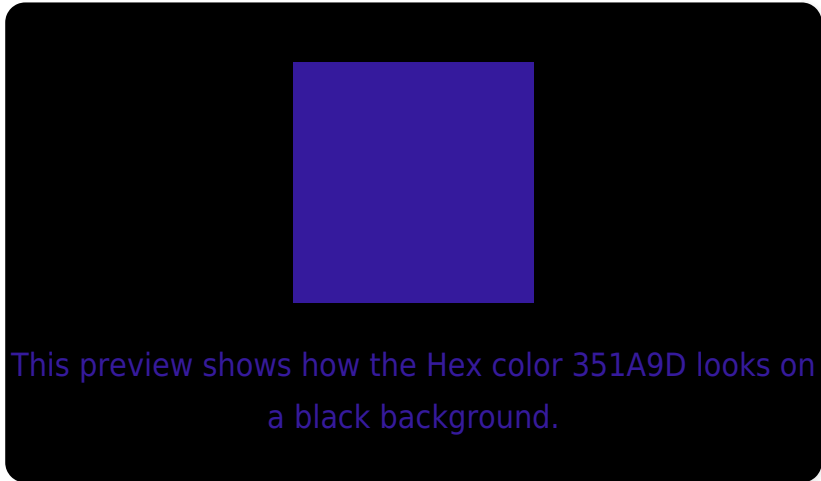
Large Text (above 18pt) WCAG AA ✓ Pass

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

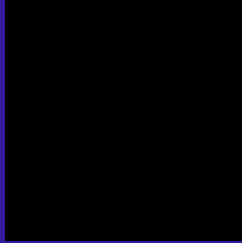
Any Text WCAG AA × Fail

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 351A9D Background



This preview shows how black text looks on a background with the Hex color 351A9D.



This preview shows how white text looks on a background with the Hex color 351A9D.

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
351A9D

Protanopia
003773

Deuteranopia
003A62



Tritanopia
003F43

Trichromacy



Original Color
351A9D

Protanomaly
132C82

Deuteranomaly
132E77

Tritanomaly
133264

Monochromacy



Original Color
351A9D

Achromatopsia
313131

Achromatomaly
322958

CSS Examples

Text

The CSS property to change the color of the text to Hex 351A9D 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 #351A9D looks like.

```
.text, #text, p{  
  color:#351A9D  
}
```

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 #351A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351A9D
}
```

Border

The CSS property to change the border of an element to Hex 351A9D 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".

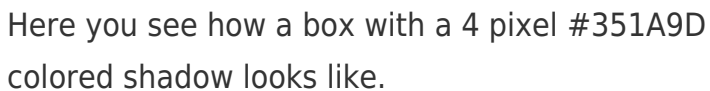
```
.border, #border, table{ border:4px solid
#351A9D }
```

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

```
.border{ border-color:#351A9D }
```

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

Here you see how a box with a 4 pixel #351A9D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351A9D; -webkit-box-shadow:4px 4px  
4px 4px #351A9D; box-shadow:4px 4px 4px  
4px #351A9D }
```

Background

The CSS property to change the background color of an element to Hex 351A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351A9D }
```

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

```
.background{ background-color:#351A9D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor