

Converting Colors

Hex(351B91)

Have a look what the booklet for
Hex(351B91) contains.

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Color

Hex(351B91)

Conversions

Conversions Part 1

Format	Color
Hex	351B91
RGB	53, 27, 145
RGB Percent	21%, 11%, 57%
CMY	0.7922, 0.8941, 0.4314
CMYK	0.63, 0.81, 0.00, 0.43
HSL	253°, 69%, 34%
HSV	253°, 81%, 57%
XYZ	6.9710, 3.5851, 27.1126
YIQ	48.2260, -22.3820, 42.2100

Conversions

Conversions Part 2

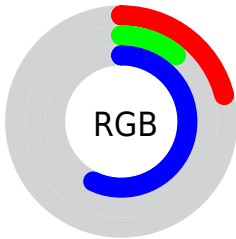
Format	Color
RYB	53, 27, 145
Decimal	3480465
CIELab	22.25, 44.43, -59.88
CIELCh	22, 74.558, 306.573
Yxy	3.5851, 0.1851, 0.0952
Android (android.graphics.Color)	4281670545 (0xFF351B91)
YUV	48.2260, 47.7096, 4.1868
Hunter-Lab	18.9343, 32.5825, -71.6452

Details

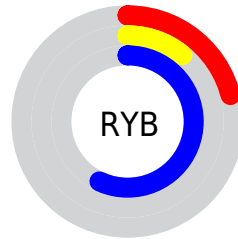
The Hex color **351B91** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **77911B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **704BC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **2A0C91**, and if you desaturate by 10%, it is **402A91**.

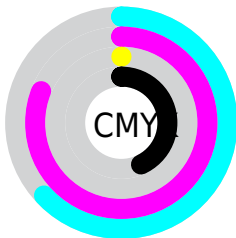
Distribution



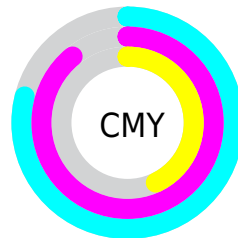
- Red (21%)
- Green (11%)
- Blue (57%)



- Red (21%)
- Yellow (11%)
- Blue (57%)



- Cyan (63%)
- Magenta (81%)
- Yellow (0%)
- Black (43%)



- Cyan (79%)
- Magenta (89%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 351B91 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 351B91 by changing the saturation by 10% instead.



351B91



351B91

FFFFFF



0D0277



704BC8



00005D



8C64E5



000045



A97EFF



00032D



C698FF



000118



E4B3FF



000000



FFCFFF



FFECFF



351B91



351B91

■ 2A0C91

■ 402A91

■ 200091

■ 4C3891

■ 574691

■ 625591

■ 6E6391

■ 797291

■ 848191

■ 8F8F91

■ 9B9E91

Harmonies

Analogous

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



003BA8



351B91



7B0063

Triad

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



351B91



641E00



004841

Complementary

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



351B91



77911B

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.



004600



351B91



383800

Square

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



351B91



820000



004200



004978

Rectangle

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



351B91



8B003E



004200



00472D

Sweetspot

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



351B91



998FBD



1B7791



49435E



DEDEDE



5E5E5E

Same Dimension

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



351B91



2D04BD



701B91



424047



1E0087



020008

Inverse Universe

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



911B77



BD0494



3C911B



474046



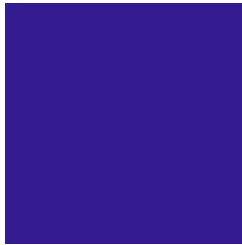
870069



080006

Previews

White Background



This preview shows how the Hex color 351B91 looks on a white background.

Color Contrast Check

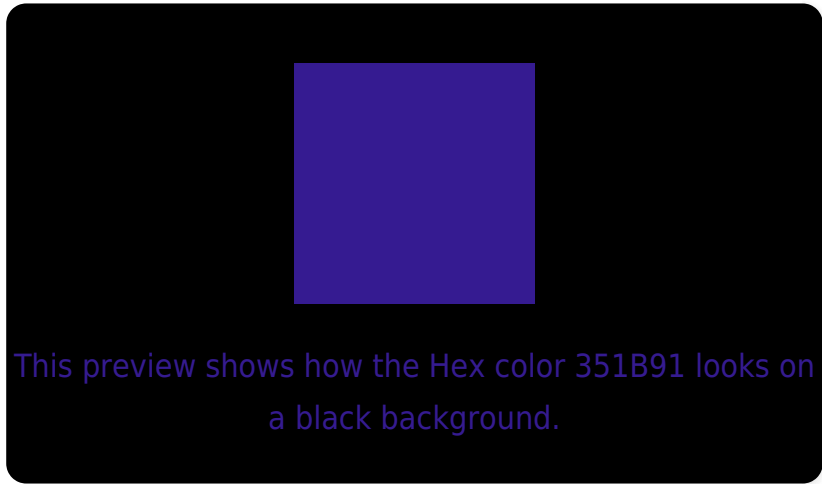
Large Text (above 18pt) WCAG AA ✓ Pass

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

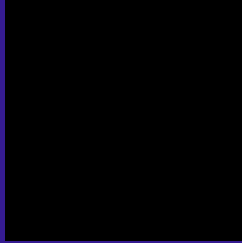
Any Text WCAG AA × Fail

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 351B91 Background



This preview shows how black text looks on a background with the Hex color 351B91.



This preview shows how white text looks on a background with the Hex color 351B91.

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
351B91

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C40

Trichromacy



Original Color
351B91

Protanomaly
132B7B

Deuteranomaly
132D70

Tritanomaly
13305D

Monochromacy



Original Color
351B91

Achromatopsia
303030

Achromatomaly
322853

CSS Examples

Text

The CSS property to change the color of the text to Hex 351B91 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 #351B91 looks like.

```
.text, #text, p{  
    color:#351B91  
}
```

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 #351B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351B91
}
```

Border

The CSS property to change the border of an element to Hex 351B91 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".

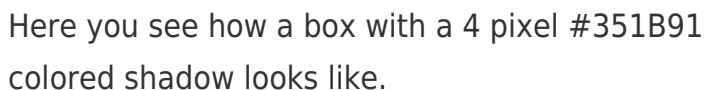
```
.border, #border, table{ border:4px solid
#351B91 }
```

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

```
.border{ border-color:#351B91 }
```

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

Here you see how a box with a 4 pixel #351B91 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351B91; -webkit-box-shadow:4px 4px  
4px 4px #351B91; box-shadow:4px 4px 4px  
4px #351B91 }
```

Background

The CSS property to change the background color of an element to Hex 351B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351B91 }
```

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

```
.background{ background-color:#351B91 }
```

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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