

Converting Colors

Hex(351C70)

Have a look what the booklet for
Hex(351C70) contains.

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Color

Hex(351C70)

Conversions

Conversions Part 1

Format	Color
Hex	351C70
RGB	53, 28, 112
RGB Percent	21%, 11%, 44%
CMY	0.7922, 0.8902, 0.5608
CMYK	0.53, 0.75, 0.00, 0.56
HSL	258°, 60%, 27%
HSV	258°, 75%, 44%
XYZ	4.8081, 2.7572, 15.6080
YIQ	45.0510, -12.0640, 31.4240

Conversions

Conversions Part 2

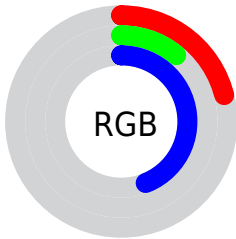
Format	Color
R_{YB}	53, 28, 112
Decimal	3480688
CIE _{Lab}	19.04, 33.87, -44.25
CIE _{LCh}	19, 55.722, 307.428
Yxy	2.7572, 0.2075, 0.1190
Android (android.graphics.Color)	4281670768 (0xFF351C70)
YUV	45.0510, 33.0059, 6.9713
Hunter-Lab	16.6050, 22.6273, -44.1069

Details

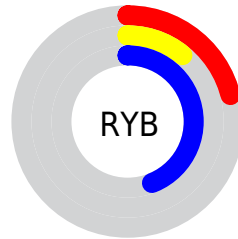
The Hex color **351C70** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **57701C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6A4AA5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **2D1170**, and if you desaturate by 10%, it is **3D2770**.

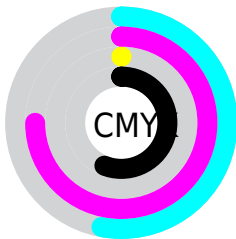
Distribution



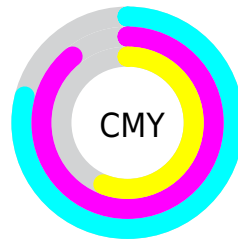
- Red (21%)
- Green (11%)
- Blue (44%)



- Red (21%)
- Yellow (11%)
- Blue (44%)



- Cyan (53%)
- Magenta (75%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 351C70 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 351C70 by changing the saturation by 10% instead.



351C70



351C70

FFFFFF



190557



6A4AA5



00003F



8563C0



000328



A07CDC



000112



BC96F9



000000



D9B1FF



F6CDFF



FFE9FF



351C70



351C70

■ 2D1170

■ 3D2770

■ 250670

■ 453270

■ 210070

■ 4D3E70

■ 544970

■ 5C5470

■ 645F70

■ 6C6A70

■ 747670

■ 7C8170

Harmonies

Analogous

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



003181



351C70



63004E

Triad

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



351C70



521F00



003D38

Complementary

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



351C70



57701C

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.



003C0B



351C70



313000

Square

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



351C70



690000



003800



003E5F

Rectangle

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



351C70



6F0034



003800



003D2A

Sweetspot

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



351C70



7A7091



1C5870



3B354A



C9C9C9



4A4A4A

Same Dimension

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



351C70



350F91



5E1C70



343238



240078



4A00F7

Inverse Universe

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



701C57



910F6A



2E701C



383236



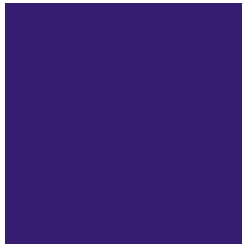
780054



F700AE

Previews

White Background



This preview shows how the Hex color 351C70 looks on a white background.

Color Contrast Check

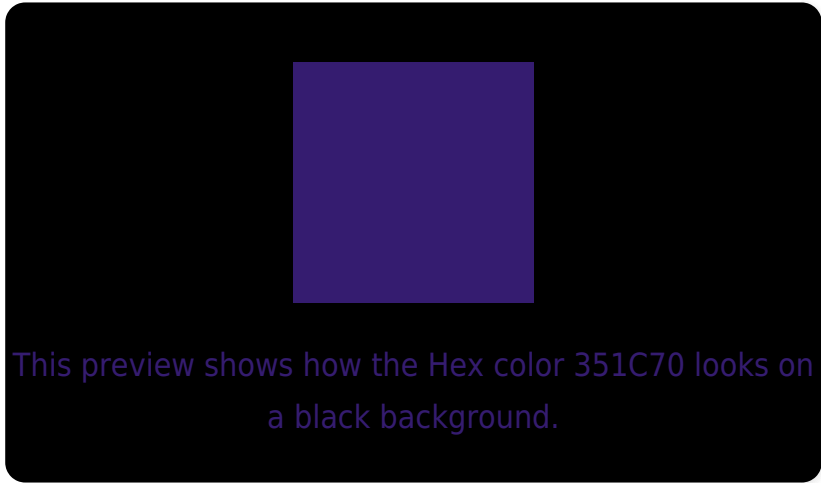
Large Text (above 18pt) WCAG AA ✓ Pass

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

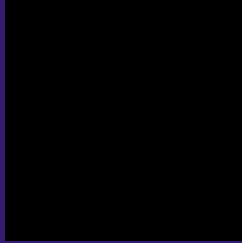
Any Text WCAG AA × Fail

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 351C70 Background



This preview shows how black text looks on a background with the Hex color 351C70.



This preview shows how white text looks on a background with the Hex color 351C70.

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](#).

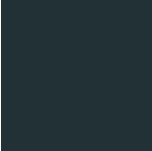
Dichromacy



Original Color
351C70

Protanopia
002D60

Deuteranopia
003052



Tritanopia
223135

Trichromacy



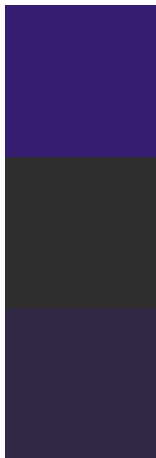
Original Color
351C70

Protanomaly
132766

Deuteranomaly
13295D

Tritanomaly
29294A

Monochromacy



Original Color
351C70

Achromatopsia
2D2D2D

Achromatomaly
302745

CSS Examples

Text

The CSS property to change the color of the text to Hex 351C70 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 #351C70 looks like.

```
.text, #text, p{  
    color:#351C70  
}
```

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 #351C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351C70
}
```

Border

The CSS property to change the border of an element to Hex 351C70 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
#351C70 }
```

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

```
.border{ border-color:#351C70 }
```

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

Here you see how a box with a 4 pixel #351C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351C70; -webkit-box-shadow:4px 4px  
4px 4px #351C70; box-shadow:4px 4px 4px  
4px #351C70 }
```

Background

The CSS property to change the background color of an element to Hex 351C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351C70 }
```

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

```
.background{ background-color:#351C70 }
```

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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