

Converting Colors

Hex(341071)

Have a look what the booklet for
Hex(341071) contains.

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Color

Hex(341071)

Conversions

Conversions Part 1

Format	Color
Hex	341071
RGB	52, 16, 113
RGB Percent	20%, 6%, 44%
CMY	0.7961, 0.9373, 0.5569
CMYK	0.54, 0.86, 0.00, 0.56
HSL	262°, 75%, 25%
HSV	262°, 86%, 44%
XYZ	4.5821, 2.2929, 15.8239
YIQ	37.8220, -9.6810, 37.7990

Conversions

Conversions Part 2

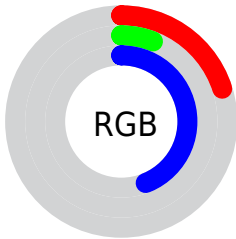
Format	Color
RYB	52, 16, 113
Decimal	3412081
CIELab	16.95, 39.93, -48.33
CIELCh	17, 62.692, 309.561
Yxy	2.2929, 0.2019, 0.1010
Android (android.graphics.Color)	4281602161 (0xFF341071)
YUV	37.8220, 37.0628, 12.4341
Hunter-Lab	15.1423, 27.5154, -51.3589

Details

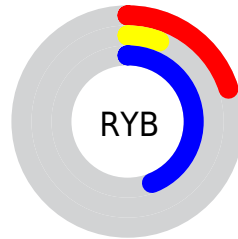
The Hex color **341071** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4D7110**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6A40A6**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **2D0571**, and if you desaturate by 10%, it is **3B1B71**.

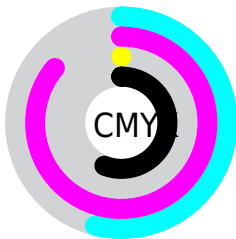
Distribution



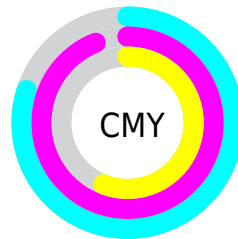
- Red (20%)
- Green (6%)
- Blue (44%)



- Red (20%)
- Yellow (6%)
- Blue (44%)



- Cyan (54%)
- Magenta (86%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (94%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 341071 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 341071 by changing the saturation by 10% instead.

■ 341071

■ 341071

■ FFFCFF

■ 160058

■ 6A40A6

■ 000040

■ 8559C1

■ 000329

■ A172DE

■ 000113

■ BD8CFA

■ 000000

■ DAA7FF

■ F7C3FF

■ FFDFFF

■ 341071

■ 341071

■ 2D0571

■ 3B1B71

■ 2A0071

■ 422771

■ 493271

■ 503D71

■ 584971

■ 5F5471

■ 665F71

■ 6D6A71

■ 747671

Harmonies

Analogous

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



002D86



341071



65004A

Triad

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



341071



4D1A00



003A38

Complementary

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



341071



4D7110

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.



003803



341071



282D00

Square

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



341071



670000



003500



003A63

Rectangle

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



341071



70002D



003500



003928

Sweetspot

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



341071



7C6D94



104D71



3C334A



C9C9C9



4A4A4A

Same Dimension

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



341071



370094



641071



353238



2C0078



5C00F7

Inverse Universe

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



71104D



94005D



1D7110



383236



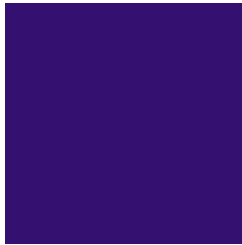
78004B



F7009C

Previews

White Background



This preview shows how the Hex color 341071 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

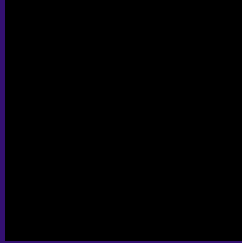
Any Text WCAG AA × Fail

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 341071 Background



This preview shows how black text looks on a background with the Hex color 341071.



This preview shows how white text looks on a background with the Hex color 341071.

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
341071

Protanopia
002A58

Deuteranopia
002D4B



Tritanopia
1F2E31

Trichromacy



Original Color
341071

Protanomaly
132161

Deuteranomaly
132259

Tritanomaly
272348

Monochromacy



Original Color
341071

Achromatopsia
262626

Achromatomaly
2B1E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 341071 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 #341071 looks like.

```
.text, #text, p{  
    color:#341071  
}
```

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 #341071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341071
}
```

Border

The CSS property to change the border of an element to Hex 341071 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
#341071 }
```

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

```
.border{ border-color:#341071 }
```

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

Here you see how a box with a 4 pixel #341071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341071; -webkit-box-shadow:4px 4px  
4px 4px #341071; box-shadow:4px 4px 4px  
4px #341071 }
```

Background

The CSS property to change the background color of an element to Hex 341071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341071 }
```

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

```
.background{ background-color:#341071 }
```

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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