

Converting Colors

Hex(2A0340)

Have a look what the booklet for
Hex(2A0340) contains.

Hex(2A0340)	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(2A0340)

Conversions

Conversions Part 1

Format	Color
Hex	2A0340
RGB	42, 3, 64
RGB Percent	16%, 1%, 25%
CMY	0.8353, 0.9882, 0.7490
CMYK	0.34, 0.95, 0.00, 0.75
HSL	278°, 91%, 13%
HSV	278°, 95%, 25%
XYZ	1.9128, 0.9275, 4.9287
YIQ	21.6150, 3.6630, 27.2390

Conversions

Conversions Part 2

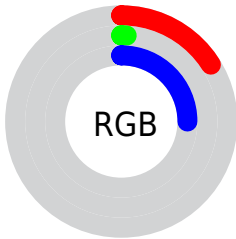
Format	Color
RYB	42, 3, 64
Decimal	2753344
CIELab	8.37, 30.95, -29.26
CIELCh	8, 42.588, 316.611
Yxy	0.9275, 0.2462, 0.1194
Android (android.graphics.Color)	4280943424 (0xFF2A0340)
YUV	21.6150, 20.8958, 17.8776
Hunter-Lab	9.6308, 18.5987, -23.6008

Details

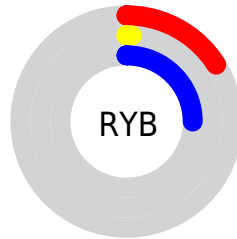
The Hex color **2A0340** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **194003**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5B3170**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **290040**, and if you desaturate by 10%, it is **2C0940**.

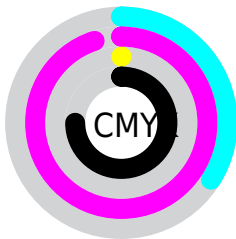
Distribution



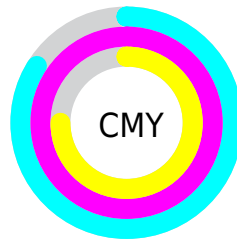
- Red (16%)
- Green (1%)
- Blue (25%)



- Red (16%)
- Yellow (1%)
- Blue (25%)



- Cyan (34%)
- Magenta (95%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (99%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0340 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 2A0340 by changing the saturation by 10% instead.

 2A0340

 2A0340

 FFE8FF

 16002A

 5B3170

 000114

 74498A

 000000

 8F61A5

 AA7BC0

 C595DC

 E2B0F9

 FFCBFF

 2A0340

 2A0340

■ 290040

■ 2C0940

■ 2F1040

■ 311640

■ 331D40

■ 362340

■ 382940

■ 3A3040

■ 3C3640

■ 3F3D40

Harmonies

Analogous

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



001750



2A0340



420026

Triad

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



2A0340



2A1200



002528

Complementary

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



2A0340



194003

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.



002405



2A0340



0F1C00

Square

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



2A0340



3C0000



002200



002442

Rectangle

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



2A0340



460013



002200



00241E

Sweetspot

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



2A0340



4B3C54



031940



261C2B



ABABAB



2B2B2B

Same Dimension

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



2A0340



360054



400338



201E21



3E0061



8F00E0

Inverse Universe

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



400319



54001E



03400B



211E1F



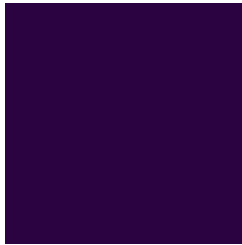
610023



E00051

Previews

White Background



This preview shows how the Hex color 2A0340 looks on a white background.

Color Contrast Check

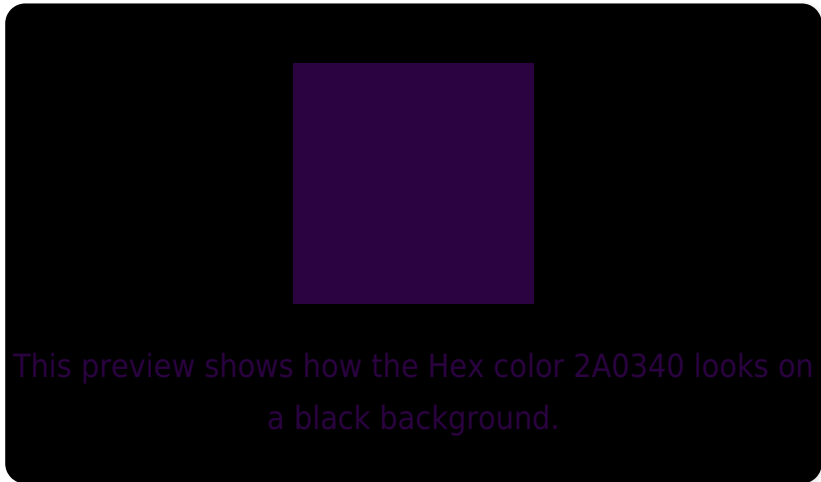
Large Text (above 18pt) WCAG AA ✓ Pass

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

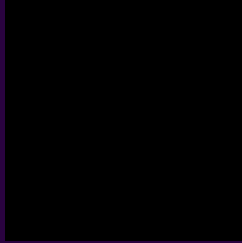
Any Text WCAG AA × Fail

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 2A0340 Background



This preview shows how black text looks on a background with the Hex color 2A0340.



This preview shows how white text looks on a background with the Hex color 2A0340.

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
2A0340

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
23191B

Trichromacy



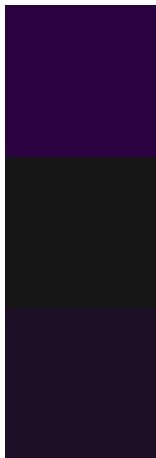
Original Color
2A0340

Protanomaly
0F123C

Deuteranomaly
0F1436

Tritanomaly
261128

Monochromacy



Original Color
2A0340

Achromatopsia
161616

Achromatomaly
1D0F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0340 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 #2A0340 looks like.

```
.text, #text, p{  
    color:#2A0340  
}
```

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 #2A0340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0340
}
```

Border

The CSS property to change the border of an element to Hex 2A0340 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
#2A0340 }
```

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

```
.border{ border-color:#2A0340 }
```

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

Here you see how a box with a 4 pixel #2A0340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0340; -webkit-box-shadow:4px 4px  
4px 4px #2A0340; box-shadow:4px 4px 4px  
4px #2A0340 }
```

Background

The CSS property to change the background color of an element to Hex 2A0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0340 }
```

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

```
.background{ background-color:#2A0340 }
```

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