

Converting Colors

Hex(302347)

Have a look what the booklet for
Hex(302347) contains.

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Color

Hex(302347)

Conversions

Conversions Part 1

Format	Color
Hex	302347
RGB	48, 35, 71
RGB Percent	19%, 14%, 28%
CMY	0.8118, 0.8627, 0.7216
CMYK	0.32, 0.51, 0.00, 0.72
HSL	262°, 34%, 21%
HSV	262°, 51%, 28%
XYZ	2.9573, 2.2854, 6.2465
YIQ	42.9910, -3.8080, 13.9520

Conversions

Conversions Part 2

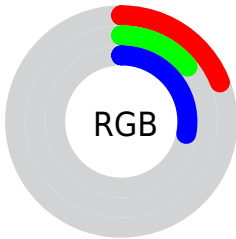
Format	Color
R_{YB}	48, 35, 71
Decimal	3154759
CIE _{Lab}	16.92, 15.37, -20.38
CIE _{LCh}	17, 25.525, 307.024
Yxy	2.2854, 0.2574, 0.1989
Android (android.graphics.Color)	4281344839 (0xFF302347)
YUV	42.9910, 13.8084, 4.3929
Hunter-Lab	15.1175, 8.4627, -13.9162

Details

The Hex color **302347** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A4723**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5F5078**, and **00001B** is the 20% darker color. If you saturate the color by 10%, you get **2B1C47**, and if you desaturate by 10%, it is **352A47**.

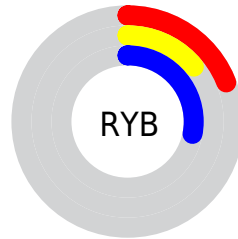
Distribution



Red (19%)

Green (14%)

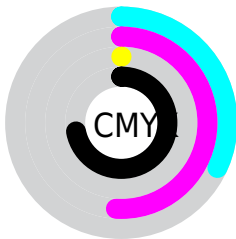
Blue (28%)



Red (19%)

Yellow (14%)

Blue (28%)

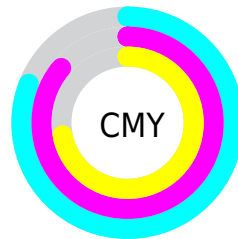


Cyan (32%)

Magenta (51%)

Yellow (0%)

Black (72%)



Cyan (81%)

Magenta (86%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302347 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 302347 by changing the saturation by 10% instead.

■ 302347

■ 302347

FFFFFF

■ 1A0F30

■ 5F5078

■ 00001B

■ 786891

■ 000000

■ 9281AC

■ AD9BC8

■ C9B6E4

■ E5D2FF

■ FFEEFF

■ 302347

■ 302347

■ 2B1C47

■ 352A47

■ 271547

■ 393147

■ 220E47

■ 3E3847

■ 1E0747

■ 423F47

■ 1A0047

■ 474747

■ 4B4E47

■ 505547

■ 545C47

■ 596347

Harmonies

Analogous

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



082A4E



302347



431B38

Triad

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



302347



3F2403



00322E

Complementary

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



302347



3A4723

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.



00311B



302347



302A00

Square

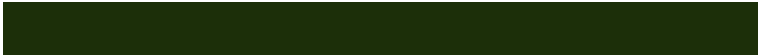
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



302347



481C15



1C2F09



00323F

Rectangle

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



302347



49192C



1C2F09



003227

Sweetspot

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



302347



534E5C



233A47



29262E



ADADAD



2E2E2E

Same Dimension

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



302347



38245C



422347



212024



240063



5200E3

Inverse Universe

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



47233A



5C2448



284723



242022



630040



E30091

Previews

White Background



This preview shows how the Hex color 302347 looks on a white background.

Color Contrast Check

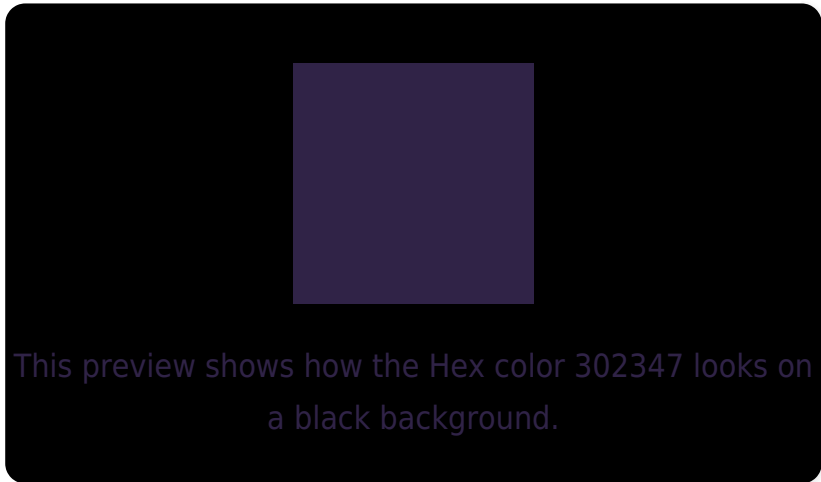
Large Text (above 18pt) WCAG AA ✓ Pass

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

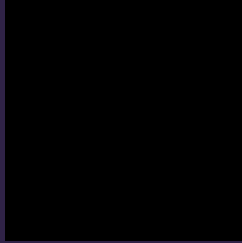
Any Text WCAG AA × Fail

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 302347 Background



This preview shows how black text looks on a background with the Hex color 302347.



This preview shows how white text looks on a background with the Hex color 302347.

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
302347

Protanopia
18294D

Deuteranopia
182A45



Tritanopia
2B292D

Trichromacy



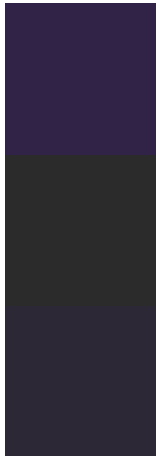
Original Color
302347

Protanomaly
21274B

Deuteranomaly
212746

Tritanomaly
2D2736

Monochromacy



Original Color
302347

Achromatopsia
2B2B2B

Achromatomaly
2D2835

CSS Examples

Text

The CSS property to change the color of the text to Hex 302347 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 #302347 looks like.

```
.text, #text, p{  
    color:#302347  
}
```

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 #302347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302347
}
```

Border

The CSS property to change the border of an element to Hex 302347 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
#302347 }
```

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

```
.border{ border-color:#302347 }
```

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

Here you see how a box with a 4 pixel #302347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302347; -webkit-box-shadow:4px 4px  
4px 4px #302347; box-shadow:4px 4px 4px  
4px #302347 }
```

Background

The CSS property to change the background color of an element to Hex 302347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302347 }
```

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

```
.background{ background-color:#302347 }
```

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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