

Converting Colors

Hex(312343)

Have a look what the booklet for
Hex(312343) contains.

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Color

Hex(312343)

Conversions

Conversions Part 1

Format	Color
Hex	312343
RGB	49, 35, 67
RGB Percent	19%, 14%, 26%
CMY	0.8078, 0.8627, 0.7373
CMYK	0.27, 0.48, 0.00, 0.74
HSL	266°, 31%, 20%
HSV	266°, 48%, 26%
XYZ	2.8808, 2.2603, 5.5946
YIQ	42.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

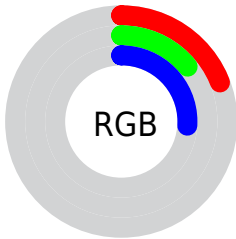
Format	Color
RYB	49, 35, 67
Decimal	3220291
CIELab	16.80, 14.52, -17.81
CIELCh	17, 22.977, 309.203
Yxy	2.2603, 0.2683, 0.2105
Android (android.graphics.Color)	4281410371 (0xFF312343)
YUV	42.8340, 11.9138, 5.4076
Hunter-Lab	15.0342, 7.8933, -11.5394

Details

The Hex color **312343** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **354323**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **605073**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **2D1C43**, and if you desaturate by 10%, it is **352A43**.

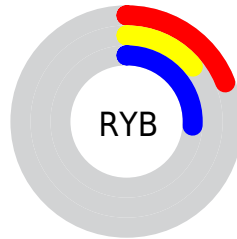
Distribution



Red (19%)

Green (14%)

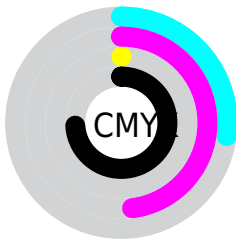
Blue (26%)



Red (19%)

Yellow (14%)

Blue (26%)

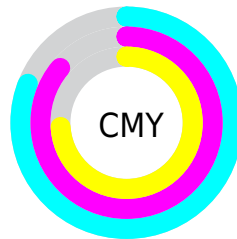


Cyan (27%)

Magenta (48%)

Yellow (0%)

Black (74%)



Cyan (81%)

Magenta (86%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312343 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 312343 by changing the saturation by 10% instead.

■ 312343

■ 312343

FFFFFF

■ 1B0F2D

■ 605073

■ 000118

■ 79688D

■ 000000

■ 9381A7

■ AE9BC3

■ C9B6DF

■ E6D2FB

■ FFEEFF

■ 312343

■ 312343

■ 2D1C43

■ 352A43

■ 291643

■ 393043

■ 260F43

■ 3C3743

■ 220843

■ 403E43

■ 1E0243

■ 444543

■ 1D0043

■ 484B43

■ 4B5243

■ 4F5943

■ 535F43

Harmonies

Analogous

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



132A4A



312343



411D35

Triad

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



312343



3C2408



00322E

Complementary

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



312343



354323

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.



00311D



312343



2E2A04

Square

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



312343



451E16



1C2E0E



00313E

Rectangle

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



312343



471B2B



1C2E0E



003128

Sweetspot

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



312343



504B57



233543



27242B



ABABAB



2B2B2B

Same Dimension

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



312343



3B2557



412343



1F1E21



2A0061



6200E0

Inverse Universe

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



432335



572541



254323



211E20



610037



E0007E

Previews

White Background



This preview shows how the Hex color 312343 looks on a white background.

Color Contrast Check

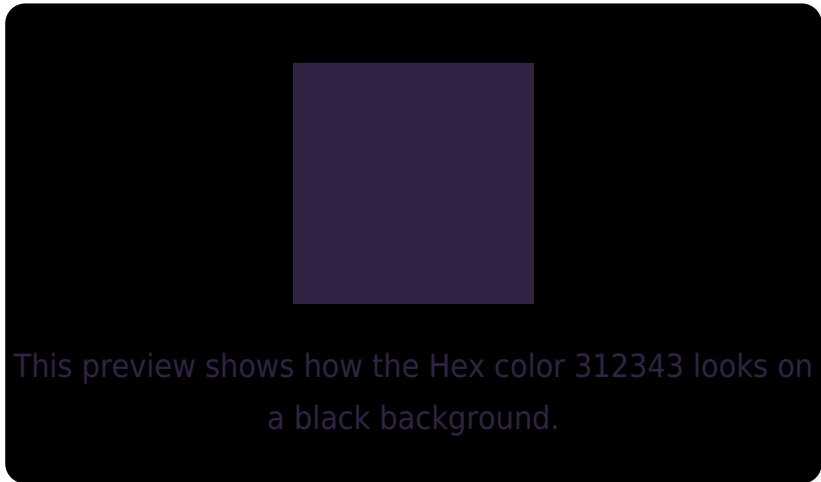
Large Text (above 18pt) WCAG AA ✓ Pass

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

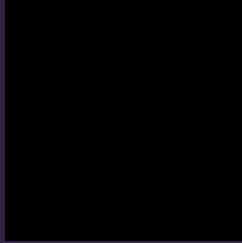
Any Text WCAG AA × Fail

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 312343 Background



This preview shows how black text looks on a background with the Hex color 312343.



This preview shows how white text looks on a background with the Hex color 312343.

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
312343

Protanopia
1C2948

Deuteranopia
1D2A42

Trichromacy



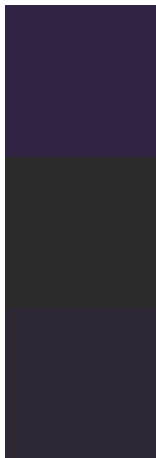
Original Color
312343

Protanomaly
242746

Deuteranomaly
242742

Tritanomaly
2E2634

Monochromacy



Original Color
312343

Achromatopsia
2B2B2B

Achromatomaly
2D2834

CSS Examples

Text

The CSS property to change the color of the text to Hex 312343 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 #312343 looks like.

```
.text, #text, p{  
    color:#312343  
}
```

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 #312343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312343
}
```

Border

The CSS property to change the border of an element to Hex 312343 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
#312343 }
```

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

```
.border{ border-color:#312343 }
```

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

Here you see how a box with a 4 pixel #312343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312343; -webkit-box-shadow:4px 4px  
4px 4px #312343; box-shadow:4px 4px 4px  
4px #312343 }
```

Background

The CSS property to change the background color of an element to Hex 312343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312343 }
```

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

```
.background{ background-color:#312343 }
```

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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