

Converting Colors

Hex(312643)

Have a look what the booklet for
Hex(312643) contains.

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Color

Hex(312643)

Conversions

Conversions Part 1

Format	Color
Hex	312643
RGB	49, 38, 67
RGB Percent	19%, 15%, 26%
CMY	0.8078, 0.8510, 0.7373
CMYK	0.27, 0.43, 0.00, 0.74
HSL	263°, 28%, 21%
HSV	263°, 43%, 26%
XYZ	2.9729, 2.4444, 5.6253
YIQ	44.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

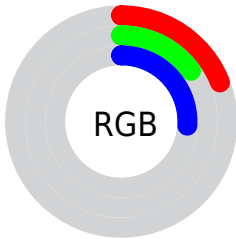
Format	Color
R_{YB}	49, 38, 67
Decimal	3221059
CIE _{Lab}	17.67, 12.43, -16.45
CIE _{LCh}	18, 20.612, 307.077
Yxy	2.4444, 0.2692, 0.2214
Android (android.graphics.Color)	4281411139 (0xFF312643)
YUV	44.5950, 11.0457, 3.8632
Hunter-Lab	15.6347, 6.5801, -10.3881

Details

The Hex color **312643** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **384326**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **605373**, and **000018** is the 20% darker color. If you saturate the color by 10%, you get **2D1F43**, and if you desaturate by 10%, it is **352D43**.

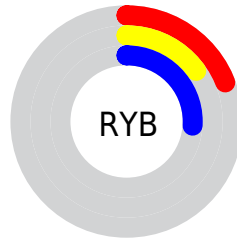
Distribution



 Red (19%)

 Green (15%)

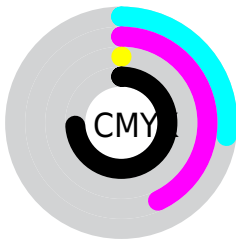
 Blue (26%)



 Red (19%)

 Yellow (15%)

 Blue (26%)

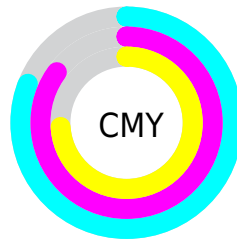


 Cyan (27%)

 Magenta (43%)

 Yellow (0%)

 Black (74%)



 Cyan (81%)

 Magenta (85%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312643 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 312643 by changing the saturation by 10% instead.

■ 312643

■ 312643

FFFFFF

■ 1B122D

■ 605373

■ 000018

■ 796B8D

■ 000000

■ 9384A7

■ AE9FC2

■ C9BADE

■ E5D5FB

■ FFF2FF

■ 312643

■ 312643

■ 2D1F43

■ 352D43

■ 291943

■ 393343

■ 251243

■ 3D3A43

■ 200B43

■ 424143

■ 1C0443

■ 464843

■ 190043

■ 4A4E43

■ 4E5543

■ 525C43

■ 566243

Harmonies

Analogous

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



182C49



312643



402137

Triad

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



312643



3D2610



00332E

Complementary

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



312643



384326

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.



0B321F



312643



312C0C

Square

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



312643



45211A



213013



00323D

Rectangle

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



312643



461F2D



213013



003329

Sweetspot

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



312643



504B57



263843



27242B



ABABAB



2B2B2B

Same Dimension

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



312643



3B2A57



3F2643



1F1E21



250061



5500E0

Inverse Universe

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



432638



572A46



2A4326



211E20



61003C



E0008B

Previews

White Background



This preview shows how the Hex color 312643 looks on a white background.

Color Contrast Check

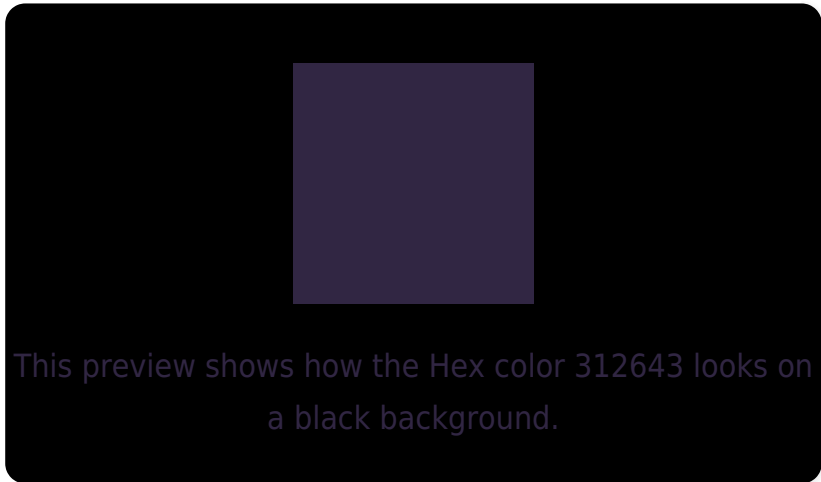
Large Text (above 18pt) WCAG AA ✓ Pass

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

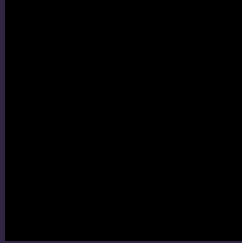
Any Text WCAG AA × Fail

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 312643 Background



This preview shows how black text looks on a background with the Hex color 312643.



This preview shows how white text looks on a background with the Hex color 312643.

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
312643

Protanopia
202B47

Deuteranopia
212B42



Tritanopia
2D2B2E

Trichromacy



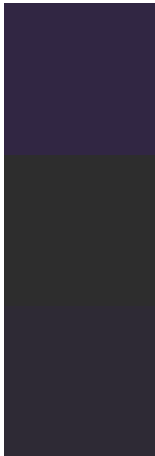
Original Color
312643

Protanomaly
262946

Deuteranomaly
272942

Tritanomaly
2E2936

Monochromacy



Original Color
312643

Achromatopsia
2D2D2D

Achromatomaly
2E2A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 312643 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 #312643 looks like.

```
.text, #text, p{  
    color:#312643  
}
```

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 #312643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312643
}
```

Border

The CSS property to change the border of an element to Hex 312643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

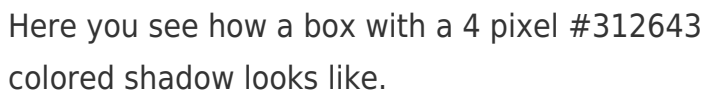
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#312643 }
```

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

```
.border{ border-color:#312643 }
```

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



Here you see how a box with a 4 pixel #312643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312643; -webkit-box-shadow:4px 4px  
4px 4px #312643; box-shadow:4px 4px 4px  
4px #312643 }
```

Background

The CSS property to change the background color of an element to Hex 312643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312643 }
```

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

```
.background{ background-color:#312643 }
```

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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