

Converting Colors

Hex(312541)

Have a look what the booklet for
Hex(312541) contains.

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Color

Hex(312541)

Conversions

Conversions Part 1

Format	Color
Hex	312541
RGB	49, 37, 65
RGB Percent	19%, 15%, 25%
CMY	0.8078, 0.8549, 0.7451
CMYK	0.25, 0.43, 0.00, 0.75
HSL	266°, 27%, 20%
HSV	266°, 43%, 25%
XYZ	2.8823, 2.3578, 5.3042
YIQ	43.7800, -1.8360, 11.2520

Conversions

Conversions Part 2

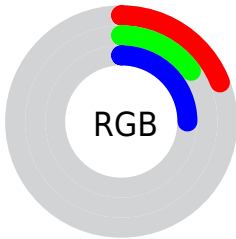
Format	Color
RYB	49, 37, 65
Decimal	3220801
CIELab	17.26, 12.55, -15.69
CIElCh	17, 20.093, 308.642
Yxy	2.3578, 0.2734, 0.2236
Android (android.graphics.Color)	4281410881 (0xFF312541)
YUV	43.7800, 10.4615, 4.5779
Hunter-Lab	15.3550, 6.6355, -9.7326

Details

The Hex color **312541** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **354125**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **605271**, and **000016** is the 20% darker color. If you saturate the color by 10%, you get **2D1F41**, and if you desaturate by 10%, it is **352C41**.

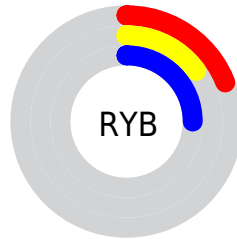
Distribution



 Red (19%)

 Green (15%)

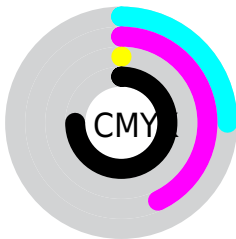
 Blue (25%)



 Red (19%)

 Yellow (15%)

 Blue (25%)

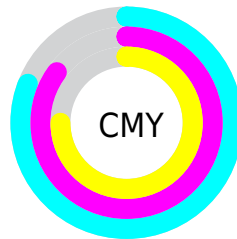


 Cyan (25%)

 Magenta (43%)

 Yellow (0%)

 Black (75%)



 Cyan (81%)

 Magenta (85%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312541 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 312541 by changing the saturation by 10% instead.

■ 312541

■ 312541

FFFFFF

■ 1B112B

■ 605271

■ 000016

■ 796A8A

■ 000000

■ 9383A5

■ AD9DC0

■ C9B8DC

■ E5D4F8

■ FFF0FF

■ 312541

■ 312541

■ 2D1F41

■ 352C41

■ 2A1841

■ 383241

■ 261241

■ 3C3941

■ 220B41

■ 403F41

■ 1E0541

■ 444641

■ 1C0041

■ 474C41

■ 4B5341

■ 4F5941

■ 526041

Harmonies

Analogous

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



192B47



312541



3F2035

Triad

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



312541



3B260F



00322E

Complementary

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



312541



354125

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.



0A311F



312541



2F2B0C

Square

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



312541



432119



1F2F13



00313C

Rectangle

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



312541



441E2C



1F2F13



003229

Sweetspot

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



312541



4E4954



253541



27242B



ABABAB



2B2B2B

Same Dimension

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



312541



3B2854



3F2541



1F1E21



2A0061



6000E0

Inverse Universe

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



412535



542841



274125



211E20



610037



E00080

Previews

White Background



This preview shows how the Hex color 312541 looks on a white background.

Color Contrast Check

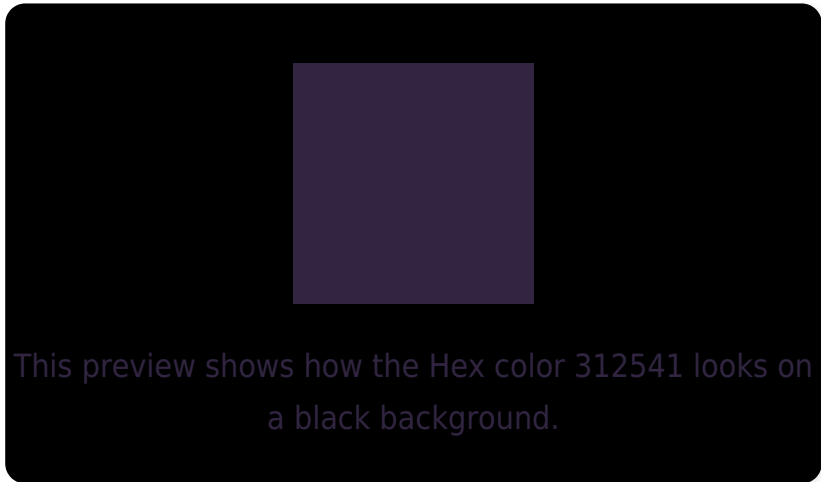
Large Text (above 18pt) WCAG AA ✓ Pass

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

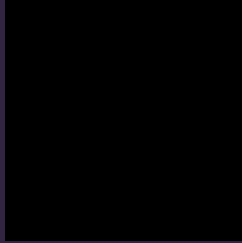
Any Text WCAG AA × Fail

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 312541 Background



This preview shows how black text looks on a background with the Hex color 312541.



This preview shows how white text looks on a background with the Hex color 312541.

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
312541

Protanopia
202A45

Deuteranopia
212A40



Tritanopia
2D292D

Trichromacy



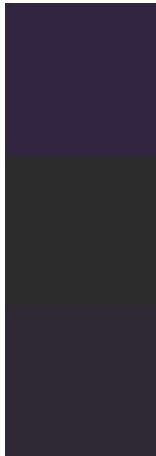
Original Color
312541

Protanomaly
262844

Deuteranomaly
272840

Tritanomaly
2E2834

Monochromacy



Original Color
312541

Achromatopsia
2C2C2C

Achromatomaly
2E2934

CSS Examples

Text

The CSS property to change the color of the text to Hex 312541 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 #312541 looks like.

```
.text, #text, p{  
    color:#312541  
}
```

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 #312541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312541
}
```

Border

The CSS property to change the border of an element to Hex 312541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

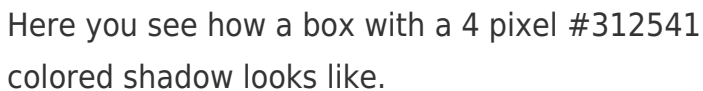
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#312541 }
```

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

```
.border{ border-color:#312541 }
```

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



Here you see how a box with a 4 pixel #312541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312541; -webkit-box-shadow:4px 4px  
4px 4px #312541; box-shadow:4px 4px 4px  
4px #312541 }
```

Background

The CSS property to change the background color of an element to Hex 312541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312541 }
```

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

```
.background{ background-color:#312541 }
```

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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