

Converting Colors

Hex(312C5D)

Have a look what the booklet for
Hex(312C5D) contains.

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Color

Hex(312C5D)

Conversions

Conversions Part 1

Format	Color
Hex	312C5D
RGB	49, 44, 93
RGB Percent	19%, 17%, 36%
CMY	0.8078, 0.8275, 0.6353
CMYK	0.47, 0.53, 0.00, 0.64
HSL	246°, 36%, 27%
HSV	246°, 53%, 36%
XYZ	4.1431, 3.2446, 10.7638
YIQ	51.0810, -12.7490, 16.2990

Conversions

Conversions Part 2

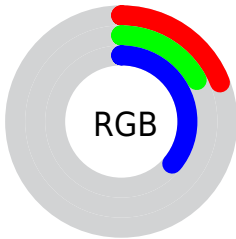
Format	Color
RYB	49, 44, 93
Decimal	3222621
CIELab	21.00, 16.49, -28.69
CIElCh	21, 33.090, 299.895
Yxy	3.2446, 0.2282, 0.1788
Android (android.graphics.Color)	4281412701 (0xFF312C5D)
YUV	51.0810, 20.6661, -1.8250
Hunter-Lab	18.0129, 9.5336, -22.8205

Details

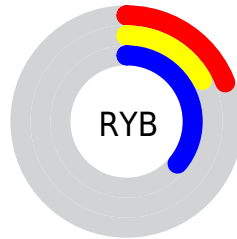
The Hex color **312C5D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585D2C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **625A90**, and **05002F** is the 20% darker color. If you saturate the color by 10%, you get **29235D**, and if you desaturate by 10%, it is **39355D**.

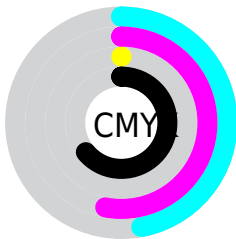
Distribution



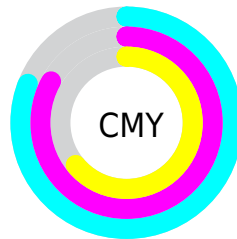
- Red (19%)
- Green (17%)
- Blue (36%)



- Red (19%)
- Yellow (17%)
- Blue (36%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)
- Black (64%)



- Cyan (81%)
- Magenta (83%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312C5D 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 312C5D by changing the saturation by 10% instead.

■ 312C5D

■ 312C5D

FFFFFF

■ 191745

■ 625A90

■ 05002F

■ 7C72AA

■ 000119

■ 968CC6

■ 000000

■ B2A6E2

■ CDC1FF

■ EADDFE

■ FFFAFF

■ 312C5D

■ 312C5D

■ 29235D

■ 39355D

■ 20195D

■ 423F5D

■ 18105D

■ 4A485D

■ 10075D

■ 52515D

■ 09005D

■ 5B5B5D

■ 63645D

■ 6B6D5D

■ 74765D

■ 7C805D

Harmonies

Analogous

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



003563



312C5D



4F204B

Triad

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



312C5D



512804



003E32

Complementary

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



312C5D



585D2C

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.



003C19



312C5D



3F3100

Square

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



312C5D



5C1D1C



263801



003D4A

Rectangle

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



312C5D



5A1A3C



263801



003D29

Sweetspot

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



312C5D



676578



2C585D



33323D



BDBDBD



3D3D3D

Same Dimension

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



312C5D



342C78



492C5D



2A292E



0B006E



1800ED

Inverse Universe

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



5D2C58



782C70



405D2C



2E292D



6E0062



ED00D5

Previews

White Background



This preview shows how the Hex color 312C5D 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

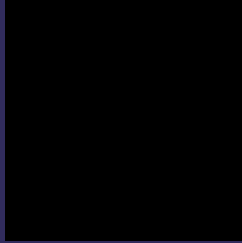
Any Text WCAG AA × Fail

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 312C5D Background



This preview shows how black text looks on a background with the Hex color 312C5D.



This preview shows how white text looks on a background with the Hex color 312C5D.

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
312C5D

Protanopia
153162

Deuteranopia
06345B



Tritanopia
273539

Trichromacy



Original Color
312C5D

Protanomaly
1F2F60

Deuteranomaly
16315C

Tritanomaly
2B3246

Monochromacy



Original Color
312C5D

Achromatopsia
333333

Achromatomaly
323042

CSS Examples

Text

The CSS property to change the color of the text to Hex 312C5D 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 #312C5D looks like.

```
.text, #text, p{  
    color:#312C5D  
}
```

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 #312C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312C5D
}
```

Border

The CSS property to change the border of an element to Hex 312C5D 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
#312C5D }
```

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

```
.border{ border-color:#312C5D }
```

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

Here you see how a box with a 4 pixel #312C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312C5D; -webkit-box-shadow:4px 4px  
4px 4px #312C5D; box-shadow:4px 4px 4px  
4px #312C5D }
```

Background

The CSS property to change the background color of an element to Hex 312C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312C5D }
```

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

```
.background{ background-color:#312C5D }
```

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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