

Converting Colors

Hex(312C65)

Have a look what the booklet for
Hex(312C65) contains.

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Color

Hex(312C65)

Conversions

Conversions Part 1

Format	Color
Hex	312C65
RGB	49, 44, 101
RGB Percent	19%, 17%, 40%
CMY	0.8078, 0.8275, 0.6039
CMYK	0.51, 0.56, 0.00, 0.60
HSL	245°, 39%, 28%
HSV	245°, 56%, 40%
XYZ	4.5163, 3.3939, 12.7290
YIQ	51.9930, -15.3170, 18.7870

Conversions

Conversions Part 2

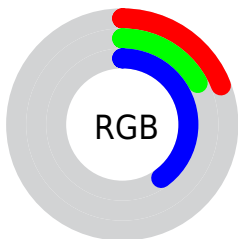
Format	Color
R_{YB}	49, 44, 101
Decimal	3222629
CIE _{Lab}	21.56, 19.22, -33.04
CIE _{LCh}	22, 38.221, 300.182
Yxy	3.3939, 0.2188, 0.1644
Android (android.graphics.Color)	4281412709 (0xFF312C65)
YUV	51.9930, 24.1605, -2.6249
Hunter-Lab	18.4226, 11.5195, -28.0703

Details

The Hex color **312C65** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **60652C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **635A98**, and **020036** is the 20% darker color. If you saturate the color by 10%, you get **282265**, and if you desaturate by 10%, it is **3A3665**.

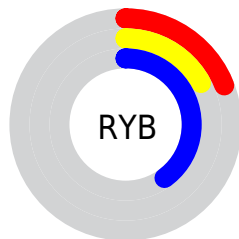
Distribution



Red (19%)

Green (17%)

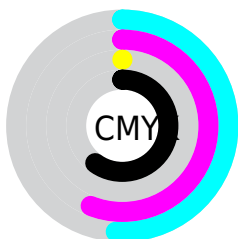
Blue (40%)



Red (19%)

Yellow (17%)

Blue (40%)

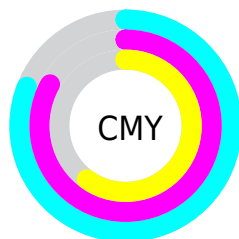


Cyan (51%)

Magenta (56%)

Yellow (0%)

Black (60%)



Cyan (81%)

Magenta (83%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312C65 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 312C65 by changing the saturation by 10% instead.

■ 312C65

■ 312C65

FFFFFF

■ 17174D

■ 635A98

■ 020036

■ 7D72B3

■ 00021F

■ 988CCF

■ 000003

■ B3A6EC

■ 000000

■ D0C1FF

■ ECDDFF

■ FFFAFF

■ 312C65

■ 312C65

■ 282265

■ 3A3665

■ 1F1865

■ 434065

■ 150E65

■ 4D4A65

■ 0C0465

■ 565465

■ 090065

■ 5F5F65

■ 686965

■ 717365

■ 7B7D65

■ 848765

Harmonies

Analogous

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



00376D



312C65



551D50

Triad

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



312C65



562700



004033

Complementary

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



312C65



60652C

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.



003E15



312C65



413200

Square

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



312C65



631919



243A00



00404F

Rectangle

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



312C65



61143E



243A00



004029

Sweetspot

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



312C65



6E6C82



2C6065



363542



C2C2C2



424242

Same Dimension

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



312C65



312A82



4D2C65



2E2E33



0A0073



1500F2

Inverse Universe

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



652C60



822A7A



44652C



332E33



730069



F200DD

Previews

White Background



This preview shows how the Hex color 312C65 looks on a white background.

Color Contrast Check

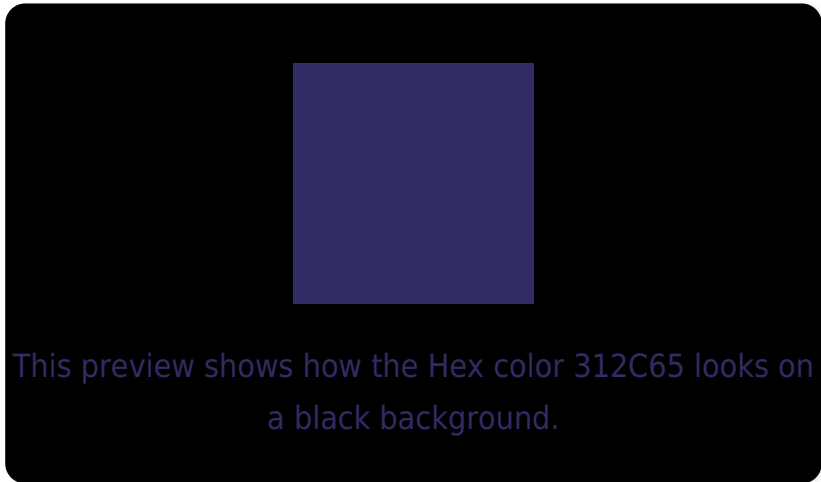
Large Text (above 18pt) WCAG AA ✓ Pass

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

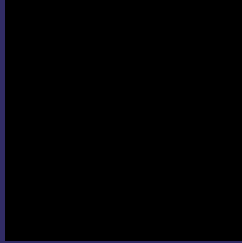
Any Text WCAG AA × Fail

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 312C65 Background



This preview shows how black text looks on a background with the Hex color 312C65.



This preview shows how white text looks on a background with the Hex color 312C65.

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
312C65

Protanopia
00326A

Deuteranopia
00355D



Tritanopia
24373B

Trichromacy



Original Color
312C65

Protanomaly
123068

Deuteranomaly
123260

Tritanomaly
29334A

Monochromacy



Original Color
312C65

Achromatopsia
343434

Achromatomaly
333146

CSS Examples

Text

The CSS property to change the color of the text to Hex 312C65 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 #312C65 looks like.

```
.text, #text, p{  
    color:#312C65  
}
```

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 #312C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312C65
}
```

Border

The CSS property to change the border of an element to Hex 312C65 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
#312C65 }
```

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

```
.border{ border-color:#312C65 }
```

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

Here you see how a box with a 4 pixel #312C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312C65; -webkit-box-shadow:4px 4px  
4px 4px #312C65; box-shadow:4px 4px 4px  
4px #312C65 }
```

Background

The CSS property to change the background color of an element to Hex 312C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312C65 }
```

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

```
.background{ background-color:#312C65 }
```

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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