

Converting Colors

Hex(312250)

Have a look what the booklet for
Hex(312250) contains.

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Color

Hex(312250)

Conversions

Conversions Part 1

Format	Color
Hex	312250
RGB	49, 34, 80
RGB Percent	19%, 13%, 31%
CMY	0.8078, 0.8667, 0.6863
CMYK	0.39, 0.58, 0.00, 0.69
HSL	260°, 40%, 22%
HSV	260°, 57%, 31%
XYZ	3.2866, 2.3762, 7.8748
YIQ	43.7290, -5.8260, 17.4860

Conversions

Conversions Part 2

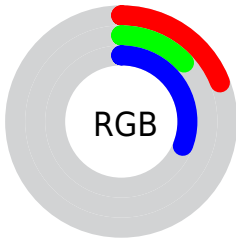
Format	Color
R_{YB}	49, 34, 80
Decimal	3220048
CIE _{Lab}	17.35, 19.15, -25.83
CIE _{LCh}	17, 32.153, 306.550
Yxy	2.3762, 0.2428, 0.1755
Android (android.graphics.Color)	4281410128 (0xFF312250)
YUV	43.7290, 17.8816, 4.6227
Hunter-Lab	15.4150, 11.0817, -19.4983

Details

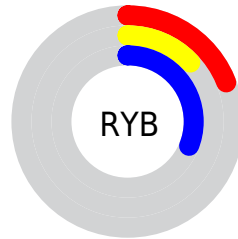
The Hex color **312250** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **415022**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **614F82**, and **000023** is the 20% darker color. If you saturate the color by 10%, you get **2C1A50**, and if you desaturate by 10%, it is **362A50**.

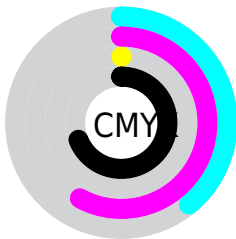
Distribution



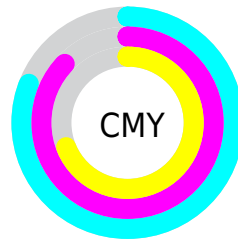
- Red (19%)
- Green (13%)
- Blue (31%)



- Red (19%)
- Yellow (13%)
- Blue (31%)



- Cyan (39%)
- Magenta (58%)
- Yellow (0%)
- Black (69%)



- Cyan (81%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312250 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 312250 by changing the saturation by 10% instead.

■ 312250

■ 312250

FFFFFF

■ 1A0E39

■ 614F82

■ 000023

■ 7B679C

■ 00000A

■ 9580B7

■ 000000

■ B09AD3

■ CCB5EF

■ E8D1FF

■ FFEDFF

■ 312250

■ 312250

■ 2C1A50

■ 362A50

■ 261250

■ 3C3250

■ 210A50

■ 413A50

■ 1B0250

■ 474250

■ 1A0050

■ 4C4A50

■ 515250

■ 575A50

■ 5C6250

■ 626A50

Harmonies

Analogous

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



002C59



312250



4A163D

Triad

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



312250



442200



00352F

Complementary

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



312250



415022

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.



003417



312250



312B00

Square

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



312250



501810



193100



003546

Rectangle

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



312250



51112E



193100



003527

Sweetspot

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



312250



5D5769



224150



2E2B36



B5B5B5



363636

Same Dimension

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



312250



382069



482250



262529



220069



4C00E8

Inverse Universe

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



502241



692051



2A5022



292527



690046



E8009C

Previews

White Background



This preview shows how the Hex color 312250 looks on a white background.

Color Contrast Check

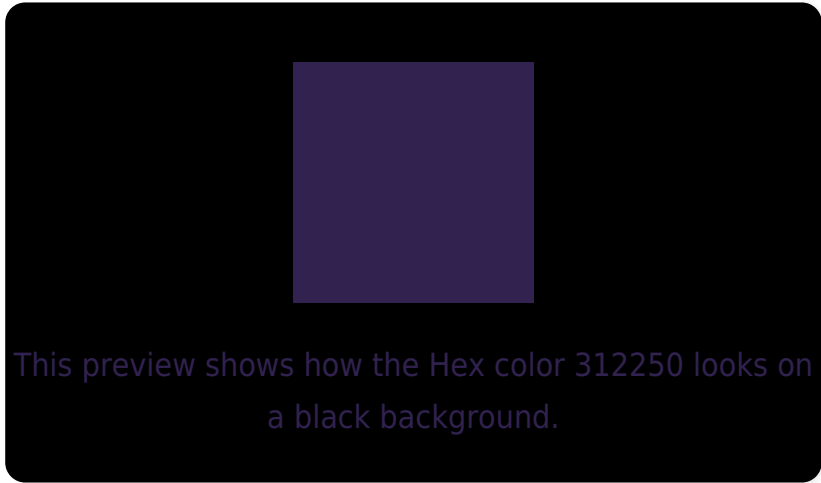
Large Text (above 18pt) WCAG AA ✓ Pass

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

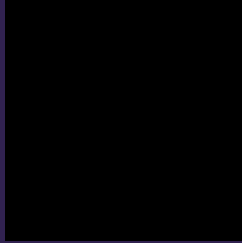
Any Text WCAG AA × Fail

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 312250 Background



This preview shows how black text looks on a background with the Hex color 312250.

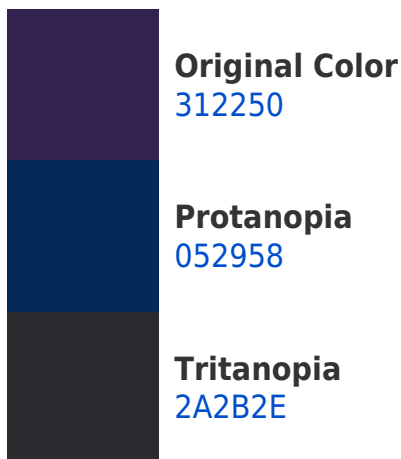


This preview shows how white text looks on a background with the Hex color 312250.

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



Trichromacy



Original Color
312250

Protanomaly
152655

Tritanomaly
2D283A

Monochromacy



Original Color
312250

Achromatopsia
2C2C2C

Achromatomaly
2E2839

CSS Examples

Text

The CSS property to change the color of the text to Hex 312250 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 #312250 looks like.

```
.text, #text, p{  
    color:#312250  
}
```

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 #312250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312250
}
```

Border

The CSS property to change the border of an element to Hex 312250 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
#312250 }
```

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

```
.border{ border-color:#312250 }
```

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

Here you see how a box with a 4 pixel #312250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312250; -webkit-box-shadow:4px 4px  
4px 4px #312250; box-shadow:4px 4px 4px  
4px #312250 }
```

Background

The CSS property to change the background color of an element to Hex 312250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312250 }
```

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

```
.background{ background-color:#312250 }
```

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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