

Converting Colors

Hex(2A0312)

Have a look what the booklet for
Hex(2A0312) contains.

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Color

Hex(2A0312)

Conversions

Conversions Part 1

Format	Color
Hex	2A0312
RGB	42, 3, 18
RGB Percent	16%, 1%, 7%
CMY	0.8353, 0.9882, 0.9294
CMYK	0.00, 0.93, 0.57, 0.84
HSL	337°, 87%, 9%
HSV	337°, 93%, 16%
XYZ	1.0966, 0.6010, 0.6305
YIQ	16.3710, 18.4290, 12.9330

Conversions

Conversions Part 2

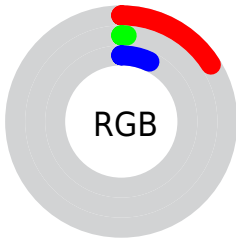
Format	Color
RYB	42, 3, 18
Decimal	2753298
CIELab	5.43, 20.61, 0.34
CIELCh	5, 20.617, 0.952
Yxy	0.6010, 0.4710, 0.2582
Android (android.graphics.Color)	4280943378 (0xFF2A0312)
YUV	16.3710, 0.8031, 22.4766
Hunter-Lab	7.7527, 11.6811, 0.6051

Details

The Hex color **2A0312** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032A1B**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **59303C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A0010**, and if you desaturate by 10%, it is **2A0715**.

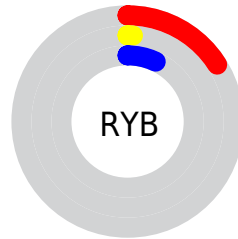
Distribution



Red (16%)

Green (1%)

Blue (7%)



Red (16%)

Yellow (1%)

Blue (7%)

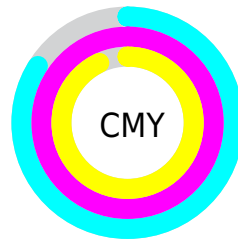


Cyan (0%)

Magenta (93%)

Yellow (57%)

Black (84%)



Cyan (84%)

Magenta (99%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0312 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 2A0312 by changing the saturation by 10% instead.

 2A0312

 2A0312

 FFE4F2

 020000

 59303C

 000000

 724753

 8D5F6C

 A77885

 C3929F

 DFACBA

 FCC8D6

 2A0312

 2A0312

■ 2A0010

■ 2A0715

■ 2A0B17

■ 2A101A

■ 2A141C

■ 2A181F

■ 2A1C22

■ 2A2024

■ 2A2527

■ 2A2929

Harmonies

Analogous

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



230620



2A0312



2A0500

Triad

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



2A0312



031600



00182A

Complementary

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



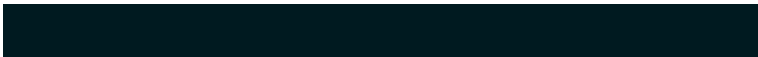
2A0312



032A1B

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.



001A20



2A0312



001900

Square

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



2A0312



181100



001B12



00132D

Rectangle

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



2A0312



260900



001B12



001927

Sweetspot

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



2A0312



36272C



1A032A



1C1316



9C9C9C



1C1C1C

Same Dimension

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



2A0312



360015



2A0703



141213



540020



D40051

Inverse Universe

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



2A0312



360015



03262A



141213



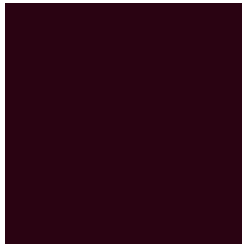
540020



D40051

Previews

White Background



This preview shows how the Hex color 2A0312 looks on a white background.

Color Contrast Check

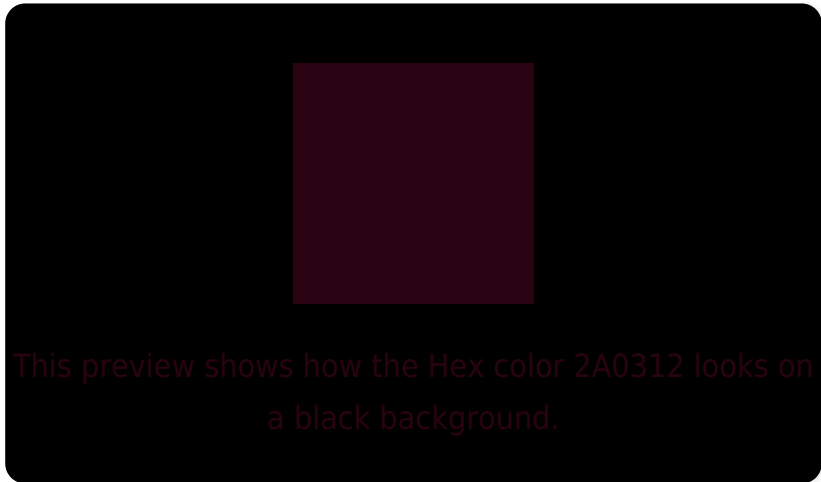
Large Text (above 18pt) WCAG AA ✓ Pass

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

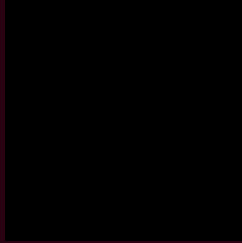
Any Text WCAG AA × Fail

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 2A0312 Background



This preview shows how black text looks on a background with the Hex color 2A0312.



This preview shows how white text looks on a background with the Hex color 2A0312.

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](#).

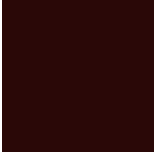
Dichromacy



Original Color
2A0312

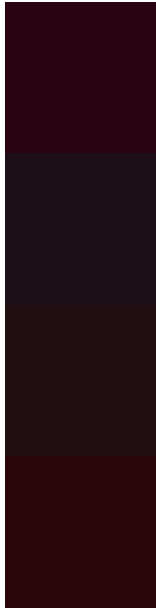
Protanopia
15161A

Deuteranopia
1A1510



Tritanopia
2A0807

Trichromacy



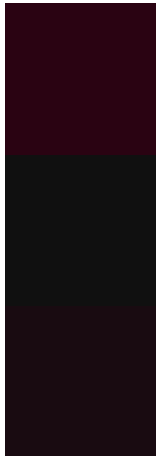
Original Color
2A0312

Protanomaly
1D0F17

Deuteranomaly
200E11

Tritanomaly
2A060B

Monochromacy



Original Color
2A0312

Achromatopsia
101010

Achromatomaly
190B11

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0312 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 #2A0312 looks like.

```
.text, #text, p{  
    color:#2A0312  
}
```

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 #2A0312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0312
}
```

Border

The CSS property to change the border of an element to Hex 2A0312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

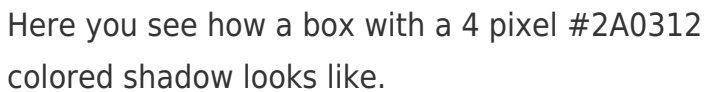
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0312 }
```

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

```
.border{ border-color:#2A0312 }
```

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



Here you see how a box with a 4 pixel #2A0312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0312; -webkit-box-shadow:4px 4px  
4px 4px #2A0312; box-shadow:4px 4px 4px  
4px #2A0312 }
```

Background

The CSS property to change the background color of an element to Hex 2A0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0312 }
```

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

```
.background{ background-color:#2A0312 }
```

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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