

Converting Colors

Hex(302238)

Have a look what the booklet for
Hex(302238) contains.

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Color

Hex(302238)

Conversions

Conversions Part 1

Format	Color
Hex	302238
RGB	48, 34, 56
RGB Percent	19%, 13%, 22%
CMY	0.8118, 0.8667, 0.7804
CMYK	0.14, 0.39, 0.00, 0.78
HSL	278°, 24%, 18%
HSV	278°, 39%, 22%
XYZ	2.5048, 2.0580, 4.0066
YIQ	40.6940, 1.2820, 9.8100

Conversions

Conversions Part 2

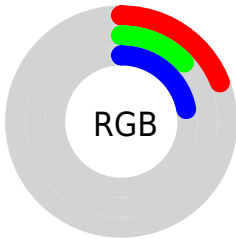
Format	Color
RYB	48, 34, 56
Decimal	3154488
CIELab	15.79, 11.77, -11.71
CIElCh	16, 16.608, 315.141
Yxy	2.0580, 0.2923, 0.2402
Android (android.graphics.Color)	4281344568 (0xFF302238)
YUV	40.6940, 7.5459, 6.4074
Hunter-Lab	14.3456, 6.0616, -6.5173

Details

The Hex color **302238** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3822**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5E4E67**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **2E1C38**, and if you desaturate by 10%, it is **322838**.

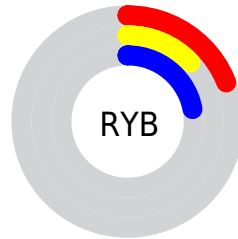
Distribution



Red (19%)

Green (13%)

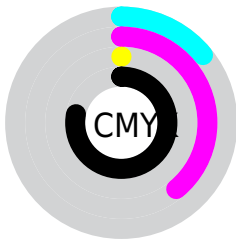
Blue (22%)



Red (19%)

Yellow (13%)

Blue (22%)

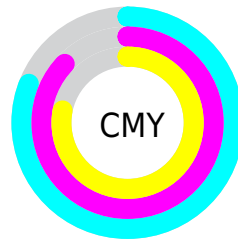


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (78%)



Cyan (81%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302238 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 302238 by changing the saturation by 10% instead.

■ 302238

■ 302238

FFFFFF

■ 1B0D23

■ 5E4E67

■ 00000B

■ 776780

■ 000000

■ 91809A

■ AC9AB5

■ C7B4D0

■ E3D0ED

■ FFECFF

■ 302238

■ 302238

■ 2E1C38

■ 322838

■ 2C1738

■ 342D38

■ 2A1138

■ 363338

■ 280C38

■ 383838

■ 260638

■ 3A3E38

■ 240038

■ 3C4438

■ 3E4938

■ 404F38

■ 425438

Harmonies

Analogous

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



1F263E



302238



3A1F2E

Triad

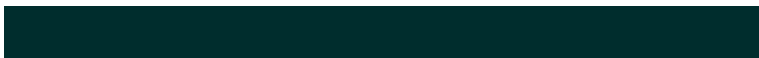
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



302238



342510



002D2D

Complementary

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



302238



2A3822

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.



0B2D21



302238



292910

Square

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



302238



3B2017



1C2B16



002D38

Rectangle

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



302238



3D1E26



1C2B16



002D29

Sweetspot

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



302238



47414A



222A38



242126



A6A6A6



262626

Same Dimension

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



302238



3D274A



382235



1B191C



3A005C



8C00DB

Inverse Universe

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



38222A



4A2734



223825



1C191A



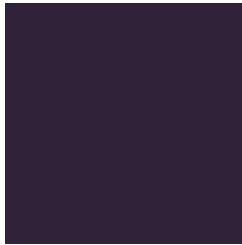
5C0021



DB0050

Previews

White Background



This preview shows how the Hex color 302238 looks on a white background.

Color Contrast Check

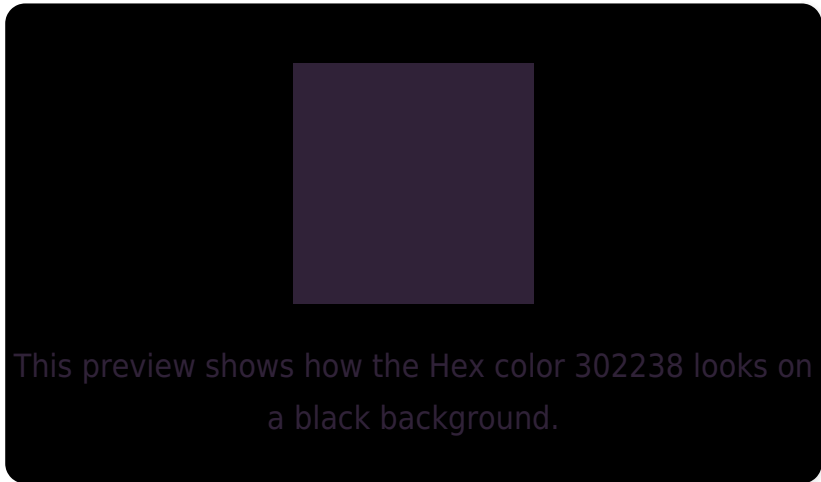
Large Text (above 18pt) WCAG AA ✓ Pass

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

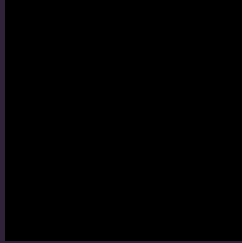
Any Text WCAG AA × Fail

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 302238 Background



This preview shows how black text looks on a background with the Hex color 302238.



This preview shows how white text looks on a background with the Hex color 302238.

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
302238

Protanopia
20273C

Deuteranopia
222737



Tritanopia
2E2528

Trichromacy



Original Color

302238

Protanomaly

26253B

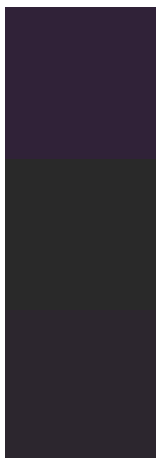
Deuteranomaly

272537

Tritanomaly

2F242E

Monochromacy



Original Color

302238

Achromatopsia

292929

Achromatomaly

2C262E

CSS Examples

Text

The CSS property to change the color of the text to Hex 302238 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 #302238 looks like.

```
.text, #text, p{  
    color:#302238  
}
```

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 #302238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302238
}
```

Border

The CSS property to change the border of an element to Hex 302238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

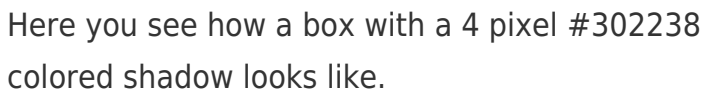
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302238 }
```

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

```
.border{ border-color:#302238 }
```

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



Here you see how a box with a 4 pixel #302238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302238; -webkit-box-shadow:4px 4px  
4px 4px #302238; box-shadow:4px 4px 4px  
4px #302238 }
```

Background

The CSS property to change the background color of an element to Hex 302238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302238 }
```

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

```
.background{ background-color:#302238 }
```

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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