

Converting Colors

Hex(302748)

Have a look what the booklet for
Hex(302748) contains.

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Color

Hex(302748)

Conversions

Conversions Part 1

Format	Color
Hex	302748
RGB	48, 39, 72
RGB Percent	19%, 15%, 28%
CMY	0.8118, 0.8471, 0.7176
CMYK	0.33, 0.46, 0.00, 0.72
HSL	256°, 30%, 22%
HSV	256°, 46%, 28%
XYZ	3.1141, 2.5473, 6.4584
YIQ	45.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

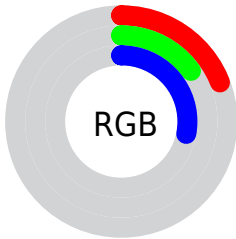
Format	Color
RYB	48, 39, 72
Decimal	3155784
CIELab	18.13, 12.88, -19.15
CIELCh	18, 23.078, 303.915
Yxy	2.5473, 0.2569, 0.2102
Android (android.graphics.Color)	4281345864 (0xFF302748)
YUV	45.4530, 13.0877, 2.2337
Hunter-Lab	15.9603, 6.8982, -12.8200

Details

The Hex color **302748** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3F4827**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5F5479**, and **00001C** is the 20% darker color. If you saturate the color by 10%, you get **2B2048**, and if you desaturate by 10%, it is **352E48**.

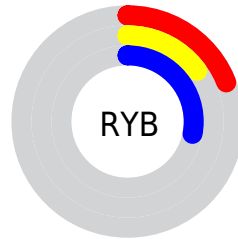
Distribution



 Red (19%)

 Green (15%)

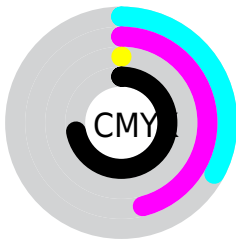
 Blue (28%)



 Red (19%)

 Yellow (15%)

 Blue (28%)

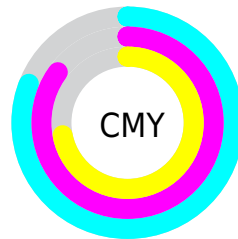


 Cyan (33%)

 Magenta (46%)

 Yellow (0%)

 Black (72%)



 Cyan (81%)

 Magenta (85%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302748 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 302748 by changing the saturation by 10% instead.

■ 302748

■ 302748

FFFFFF

■ 1A1331

■ 5F5479

■ 00001C

■ 786C93

■ 000000

■ 9286AD

■ ADA0C9

■ C8BBE5

■ E5D7FF

■ FFF3FF

■ 302748

■ 302748

■ 2B2048

■ 352E48

■ 261948

■ 3A3548

■ 201148

■ 403D48

■ 1B0A48

■ 454448

■ 160348

■ 4A4B48

■ 140048

■ 4F5248

■ 555948

■ 5A6148

■ 5F6848

Harmonies

Analogous

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



0F2D4D



302748



42203B

Triad

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



302748



41260E



00342E

Complementary

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



302748



3F4827

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.



09331D



302748



342C07

Square

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



302748



49201B



22310F



00343E

Rectangle

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



302748



491E30



22310F



003428

Sweetspot

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



302748



55515E



273F48



2A2830



B0B0B0



303030

Same Dimension

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



302748



392A5E



402748



212024



1B0063



3E00E3

Inverse Universe

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



48273F



5E2A50



2F4827



242023



630048



E300A5

Previews

White Background



This preview shows how the Hex color 302748 looks on a white background.

Color Contrast Check

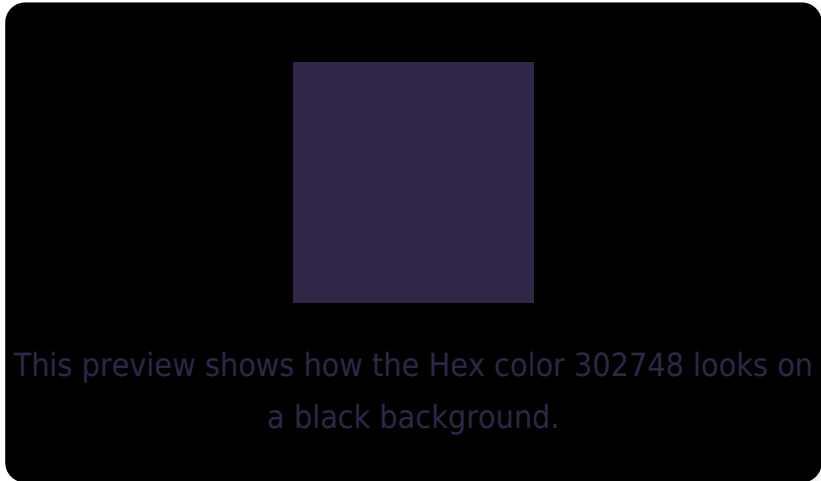
Large Text (above 18pt) WCAG AA ✓ Pass

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

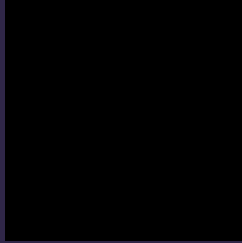
Any Text WCAG AA × Fail

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 302748 Background



This preview shows how black text looks on a background with the Hex color 302748.



This preview shows how white text looks on a background with the Hex color 302748.

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
302748

Protanopia
1E2B4C

Deuteranopia
1E2D47

Trichromacy



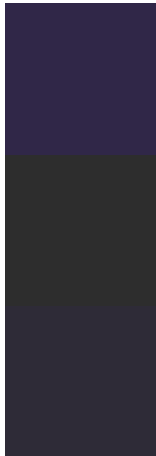
Original Color
302748

Protanomaly
252A4B

Deuteranomaly
252B47

Tritanomaly
2D2A39

Monochromacy



Original Color
302748

Achromatopsia
2D2D2D

Achromatomaly
2E2B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 302748 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 #302748 looks like.

```
.text, #text, p{  
    color:#302748  
}
```

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 #302748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302748  
}
```

Border

The CSS property to change the border of an element to Hex 302748 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  
#302748 }
```

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

```
.border{ border-color:#302748 }
```

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

Here you see how a box with a 4 pixel #302748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302748; -webkit-box-shadow:4px 4px  
4px 4px #302748; box-shadow:4px 4px 4px  
4px #302748 }
```

Background

The CSS property to change the background color of an element to Hex 302748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302748 }
```

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

```
.background{ background-color:#302748 }
```

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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