

Converting Colors

Hex(273648)

Have a look what the booklet for
Hex(273648) contains.

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Color

Hex(273648)

Conversions

Conversions Part 1

Format	Color
Hex	273648
RGB	39, 54, 72
RGB Percent	15%, 21%, 28%
CMY	0.8471, 0.7882, 0.7176
CMYK	0.46, 0.25, 0.00, 0.72
HSL	213°, 30%, 22%
HSV	213°, 46%, 28%
XYZ	3.3256, 3.5375, 6.6384
YIQ	51.5670, -14.7180, 2.4180

Conversions

Conversions Part 2

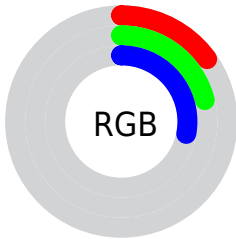
Format	Color
R_{YB}	39, 49, 72
Decimal	2569800
CIE _{Lab}	22.08, -0.60, -13.06
CIE _{LCh}	22, 13.076, 267.368
Yxy	3.5375, 0.2463, 0.2620
Android (android.graphics.Color)	4280759880 (0xFF273648)
YUV	51.5670, 10.0735, -11.0213
Hunter-Lab	18.8084, -1.3535, -7.7606

Details

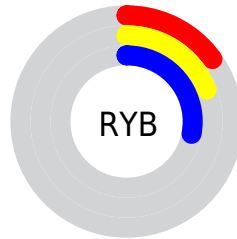
The Hex color **273648** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **483927**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **566579**, and **00091D** is the 20% darker color. If you saturate the color by 10%, you get **203248**, and if you desaturate by 10%, it is **2E3A48**.

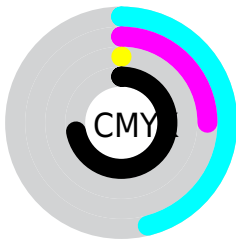
Distribution



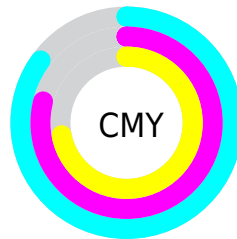
- Red (15%)
- Green (21%)
- Blue (28%)



- Red (15%)
- Yellow (19%)
- Blue (28%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273648 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 273648 by changing the saturation by 10% instead.

■ 273648

■ 273648

FFFFFF

■ 112131

■ 566579

■ 00091D

■ 6F7D92

■ 000000

■ 8897AD

■ A3B2C8

■ BECDE4

■ DAEAFF

■ F6FFFF

■ 273648

■ 273648

■ 203248

■ 2E3A48

■ 192E48

■ 353E48

■ 112A48

■ 3D4248

■ 0A2648

■ 444648

■ 032248

■ 4B4A48

■ 002148

■ 524E48

■ 595148

■ 615548

■ 685948

Harmonies

Analogous

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



1A3945



273648



353346

Triad

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



273648



482E2C



27392A

Complementary

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



273648



483927

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.



323723



273648



443125

Square

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



273648



472E36



3C3422



1C3A34

Rectangle

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



273648



3D3042



3C3422



2B3827

Sweetspot

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



273648



51575E



274839



282C30



B0B0B0



303030

Same Dimension

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



273648



2A425E



282748



202224



002D63



0067E3

Inverse Universe

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



482736



5E2A42



474827



242022



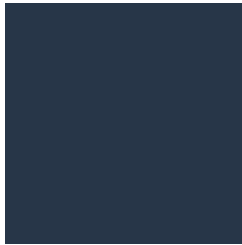
63002D



E30067

Previews

White Background



This preview shows how the Hex color 273648 looks on a white background.

Color Contrast Check

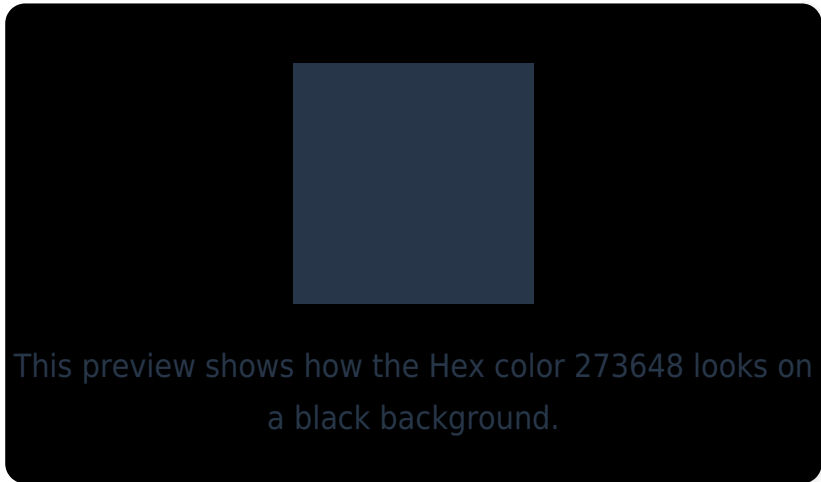
Large Text (above 18pt) WCAG AA ✓ Pass

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

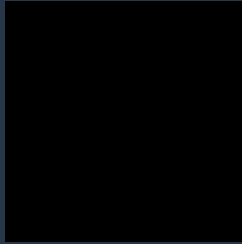
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

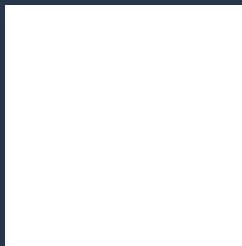
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 273648 Background



This preview shows how black text looks on a background with the Hex color 273648.



This preview shows how white text looks on a background with the Hex color 273648.

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
273648

Protanopia
303447

Deuteranopia
2F3448

Trichromacy



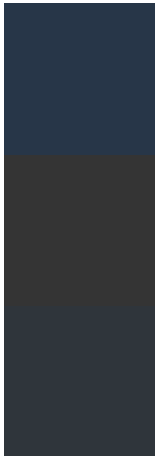
Original Color
273648

Protanomaly
2D3547

Deuteranomaly
2C3548

Tritanomaly
253741

Monochromacy



Original Color
273648

Achromatopsia
343434

Achromatomaly
2F353B

CSS Examples

Text

The CSS property to change the color of the text to Hex 273648 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 #273648 looks like.

```
.text, #text, p{  
    color:#273648  
}
```

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 #273648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273648
}
```

Border

The CSS property to change the border of an element to Hex 273648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

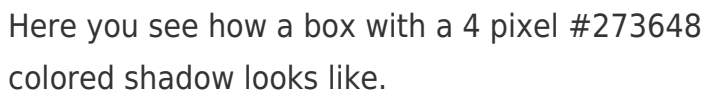
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273648 }
```

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

```
.border{ border-color:#273648 }
```

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



Here you see how a box with a 4 pixel #273648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273648; -webkit-box-shadow:4px 4px  
4px 4px #273648; box-shadow:4px 4px 4px  
4px #273648 }
```

Background

The CSS property to change the background color of an element to Hex 273648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273648 }
```

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

```
.background{ background-color:#273648 }
```

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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