

# Converting Colors

Hex(273A58)

Have a look what the booklet for  
Hex(273A58) contains.

<b>Hex(273A58)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(273A58)

# Conversions

## Conversions Part 1

Format	Color
Hex	273A58
RGB	39, 58, 88
RGB Percent	15%, 23%, 35%
CMY	0.8471, 0.7725, 0.6549
CMYK	0.56, 0.34, 0.00, 0.65
HSL	217°, 39%, 25%
HSV	217°, 56%, 35%
XYZ	4.1112, 4.1620, 9.8192
YIQ	55.7390, -20.9540, 5.3020

# Conversions

## Conversions Part 2

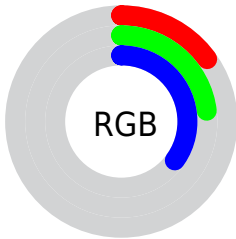
Format	Color
<b>RYB</b>	39, 53, 88
Decimal	2570840
CIELab	24.20, 2.24, -20.38
CIElCh	24, 20.500, 276.270
Yxy	4.1620, 0.2272, 0.2300
Android (android.graphics.Color)	4280760920 (0xFF273A58)
YUV	55.7390, 15.9047, -14.6801
Hunter-Lab	20.4010, 0.2694, -14.2560

# Details

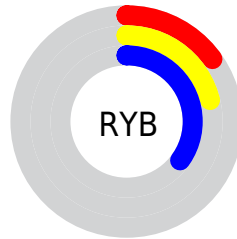
The Hex color **273A58** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **584527**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **58698A**, and **000F2A** is the 20% darker color. If you saturate the color by 10%, you get **1E3558**, and if you desaturate by 10%, it is **303F58**.

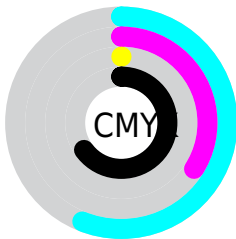
# Distribution



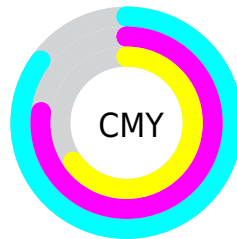
- Red (15%)
- Green (23%)
- Blue (35%)



- Red (15%)
- Yellow (21%)
- Blue (35%)



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (77%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 273A58 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 273A58 by changing the saturation by 10% instead.



■ 273A58

■ 273A58

FFFFFF

■ 0E2541

■ 58698A

■ 000F2A

■ 7182A4

■ 000115

■ 8B9CC0

■ 000000

■ A6B7DC

■ C2D2F8

■ DEEFFF

■ FBFFFF

■ 273A58

■ 273A58

■ 1E3558

■ 303F58

■ 152F58

■ 394558

■ 0D2A58

■ 414A58

■ 042458

■ 4A5058

■ 002258

■ 535558

■ 5C5A58

■ 656058

■ 6D6558

■ 766A58

# Harmonies

## Analogous

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



013E55



273A58



3F3452

# Triad

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



273A58



552F28



1C412D

# Complementary

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



273A58



584527

# 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.



303E20



273A58



4D341D

# Square

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



273A58



572D37



403A1A



00423C

# Rectangle

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



273A58



4B314B



403A1A



234028



# Sweetspot

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



273A58



5F6773



275844



2F333B



BABABA



3B3B3B



# Same Dimension

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



273A58



264473



2C2758



27292B



002A6B



005BEB



# Inverse Universe

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



58273A



732644



535827



2B2729



6B002A

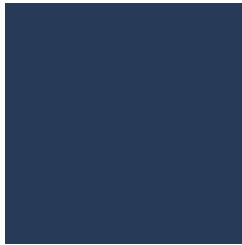


EB005B



# Previews

## White Background



This preview shows how the Hex color 273A58 looks on a white background.

## Color Contrast Check

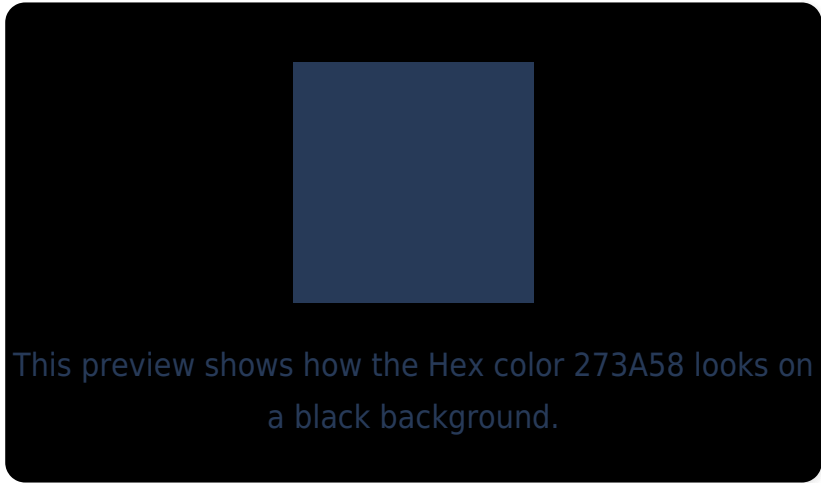
Large Text (above 18pt) WCAG AA ✓ Pass

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

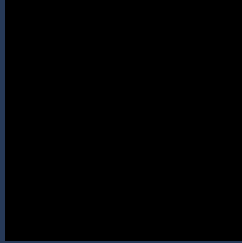
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 273A58 Background



This preview shows how black text looks on a background with the Hex color 273A58.



This preview shows how white text looks on a background with the Hex color 273A58.

# 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](#).

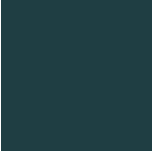
## Dichromacy



**Original Color**  
273A58

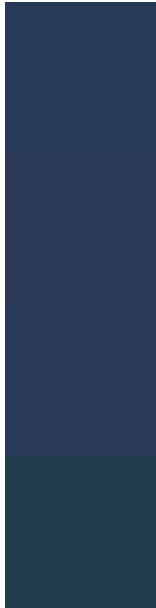
**Protanopia**  
2F3857

**Deuteranopia**  
2A3958



**Tritanopia**  
1F3E43

# Trichromacy



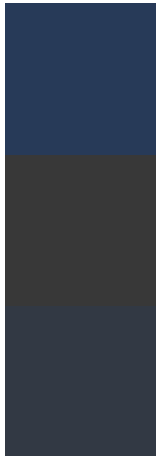
**Original Color**  
273A58

**Protanomaly**  
2C3957

**Deuteranomaly**  
293958

**Tritanomaly**  
223D4B

# Monochromacy



**Original Color**  
273A58

**Achromatopsia**  
383838

**Achromatomaly**  
323944

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273A58 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 #273A58 looks like.

```
.text, #text, p{  
    color:#273A58  
}
```

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 #273A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273A58
}
```

## Border

The CSS property to change the border of an element to Hex 273A58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

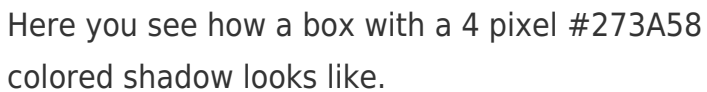
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273A58 }
```

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

```
.border{ border-color:#273A58 }
```

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



Here you see how a box with a 4 pixel #273A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273A58; -webkit-box-shadow:4px 4px  
4px 4px #273A58; box-shadow:4px 4px 4px  
4px #273A58 }
```

# Background

The CSS property to change the background color of an element to Hex 273A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273A58 }
```

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

```
.background{ background-color:#273A58 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor