

# Converting Colors

Hex(283F5C)

Have a look what the booklet for  
Hex(283F5C) contains.

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# Color

Hex(283F5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	283F5C
RGB	40, 63, 92
RGB Percent	16%, 25%, 36%
CMY	0.8431, 0.7529, 0.6392
CMYK	0.57, 0.32, 0.00, 0.64
HSL	213°, 39%, 26%
HSV	213°, 57%, 36%
XYZ	4.5843, 4.7788, 10.8060
YIQ	59.4290, -23.0170, 4.1430

# Conversions

## Conversions Part 2

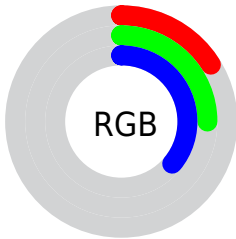
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 56, 92
Decimal	2637660
CIE Lab	26.10, 0.56, -20.02
CIE LCh	26, 20.027, 271.603
Yxy	4.7788, 0.2273, 0.2369
Android (android.graphics.Color)	4280827740 (0xFF283F5C)
YUV	59.4290, 16.0575, -17.0392
Hunter-Lab	21.8606, -0.8230, -14.0056

# Details

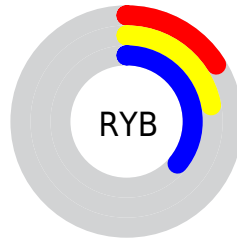
The Hex color **283F5C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C4528**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **596E8E**, and **00152E** is the 20% darker color. If you saturate the color by 10%, you get **1F3A5C**, and if you desaturate by 10%, it is **31445C**.

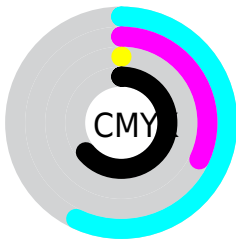
# Distribution



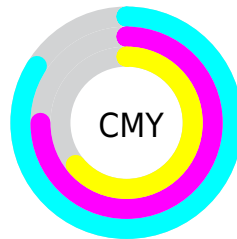
- Red (16%)
- Green (25%)
- Blue (36%)



- Red (16%)
- Yellow (22%)
- Blue (36%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (75%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 283F5C 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 283F5C by changing the saturation by 10% instead.



■ 283F5C

■ 283F5C

FFFFFF

■ 0E2944

■ 596E8E

■ 00152E

■ 7388A9

■ 000119

■ 8DA2C4

■ 000000

■ A8BDE0

■ C3D9FD

■ E0F5FF

■ FDFFFF

■ 283F5C

■ 283F5C

■ 1F3A5C

■ 31445C

■ 16355C

■ 3A495C

■ 0C305C

■ 444E5C

■ 032A5C

■ 4D545C

■ 00295C

■ 56595C

■ 5F5E5C

■ 68635C

■ 72685C

■ 7B6D5C

# Harmonies

## Analogous

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



064358



283F5C



403A58

# Triad

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



283F5C



5A332F



24452F

# Complementary

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



283F5C



5C4528

# 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.



374223



283F5C



533823

# Square

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



283F5C



5A323E



473D1F



0C463E

# Rectangle

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



283F5C



4D3651



473D1F



2B442A



# Sweetspot

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



283F5C



636C78



285C45



31363D



BDBDBD



3D3D3D



# Same Dimension

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



283F5C



264A78



2B285C



292B2E



00306E



0069ED



# Inverse Universe

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



5C283F



78264A



595C28



2E292B



6E0030

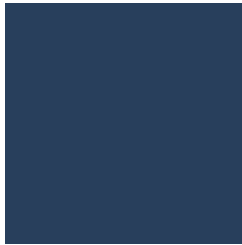


ED0069



# Previews

## White Background



This preview shows how the Hex color 283F5C looks on a white background.

## Color Contrast Check

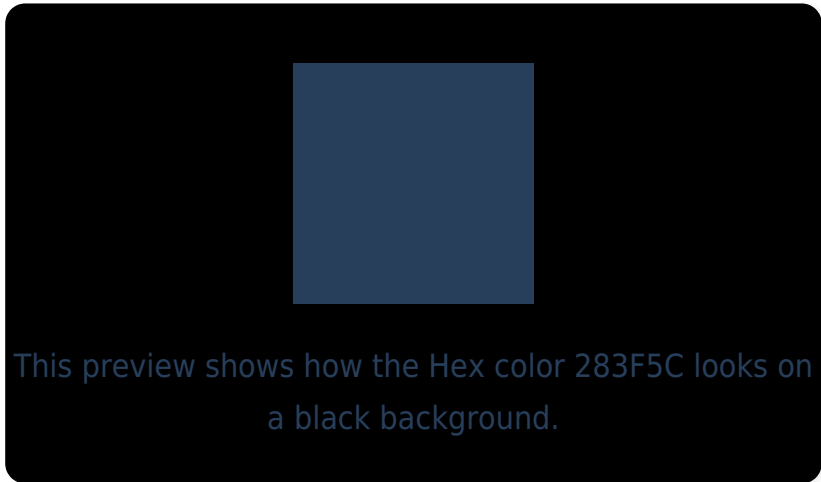
Large Text (above 18pt) WCAG AA ✓ Pass

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

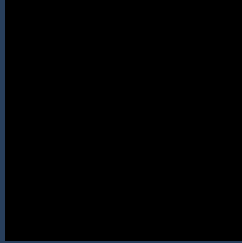
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

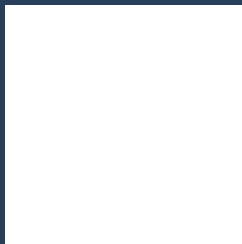
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 283F5C Background



This preview shows how black text looks on a background with the Hex color 283F5C.

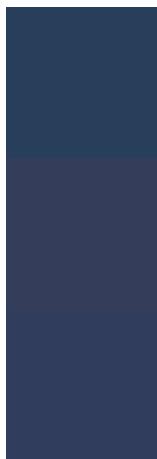


This preview shows how white text looks on a background with the Hex color 283F5C.

# 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](#).

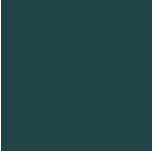
## Dichromacy



**Original Color**  
283F5C

**Protanopia**  
343D5A

**Deuteranopia**  
303D5C



**Tritanopia**  
204348

# Trichromacy



**Original Color**

283F5C

**Protanomaly**

303E5B

**Deuteranomaly**

2D3E5C

**Tritanomaly**

23424F

# Monochromacy



**Original Color**

283F5C

**Achromatopsia**

3B3B3B

**Achromatomaly**

343C47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 283F5C 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 #283F5C looks like.

```
.text, #text, p{  
    color:#283F5C  
}
```

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 #283F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283F5C
}
```

## Border

The CSS property to change the border of an element to Hex 283F5C 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
#283F5C }
```

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

```
.border{ border-color:#283F5C }
```

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

Here you see how a box with a 4 pixel #283F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283F5C; -webkit-box-shadow:4px 4px  
4px 4px #283F5C; box-shadow:4px 4px 4px  
4px #283F5C }
```

# Background

The CSS property to change the background color of an element to Hex 283F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283F5C }
```

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

```
.background{ background-color:#283F5C }
```

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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