

# Converting Colors

Hex(285F5E)

Have a look what the booklet for  
Hex(285F5E) contains.

<b>Hex(285F5E)</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(285F5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	285F5E
RGB	40, 95, 94
RGB Percent	16%, 37%, 37%
CMY	0.8431, 0.6275, 0.6314
CMYK	0.58, 0.00, 0.01, 0.63
HSL	179°, 41%, 26%
HSV	179°, 58%, 37%
XYZ	6.9877, 9.4437, 12.0442
YIQ	78.4410, -32.4590, -11.9710

# Conversions

## Conversions Part 2

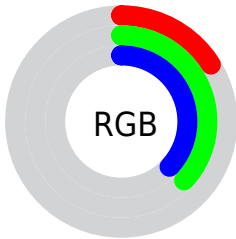
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 68, 95
Decimal	2645854
CIE <sub>Lab</sub>	36.82, -18.23, -4.93
CIE <sub>LCh</sub>	37, 18.888, 195.129
Yxy	9.4437, 0.2454, 0.3316
Android (android.graphics.Color)	4280835934 (0xFF285F5E)
YUV	78.4410, 7.6706, -33.7128
Hunter-Lab	30.7306, -13.1904, -1.7261

# Details

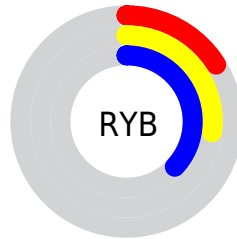
The Hex color **285F5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2829**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5B9290**, and **003030** is the 20% darker color. If you saturate the color by 10%, you get **1F5F5E**, and if you desaturate by 10%, it is **315F5E**.

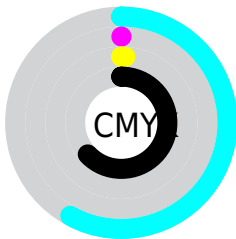
# Distribution



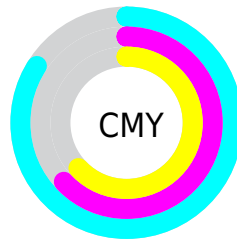
- Red (16%)
- Green (37%)
- Blue (37%)



- Red (16%)
- Yellow (27%)
- Blue (37%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 285F5E 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 285F5E by changing the saturation by 10% instead.



■ 285F5E

■ 285F5E

FFFFFF

■ 0A4746

■ 5B9290

■ 003030

■ 76ACAB

■ 001D1B

■ 90C8C6

■ 000000

■ ACE4E2

■ C7FFFF

■ E4FFFF

■ 285F5E

■ 285F5E

■ 1F5F5E

■ 315F5E

■ 155F5E

■ 3B5F5E

■ 0C5F5D

■ 455F5F

■ 025F5D

■ 4E5F5F

■ 005F5D

■ 585F5F

■ 615F5F

■ 6A5F5F

■ 745F5F

■ 7E5F60

# Harmonies

## Analogous

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



375E4E



285F5E



275E6C

# Triad

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



285F5E



62506C



68533A

# Complementary

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



285F5E



5F2829

# 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.



724E42



285F5E



704C5F

# Square

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



285F5E



4E5574



754B4F



595839

# Rectangle

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



285F5E



315C72



754B4F



6C513B



# Sweetspot

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



285F5E



667A7A



2A5F28



313D3D



BDBDBD



3D3D3D



# Same Dimension

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



285F5E



267A79



28455F



2C3030



00706E



00F0EB



# Inverse Universe

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



5F2829



7A2627



5F4228



302C2C



700002

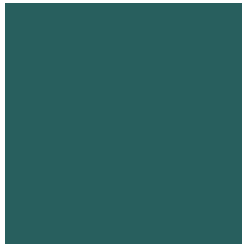


F00004



# Previews

## White Background



This preview shows how the Hex color 285F5E looks on a white background.

## Color Contrast Check

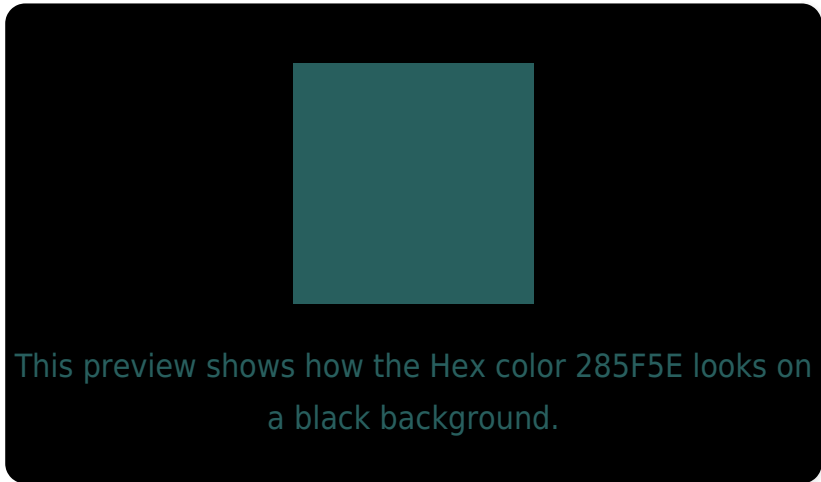
Large Text (above 18pt) WCAG AA ✓ Pass

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

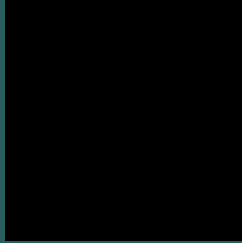
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 285F5E Background



This preview shows how black text looks on a background with the Hex color 285F5E.



This preview shows how white text looks on a background with the Hex color 285F5E.

# 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**  
285F5E

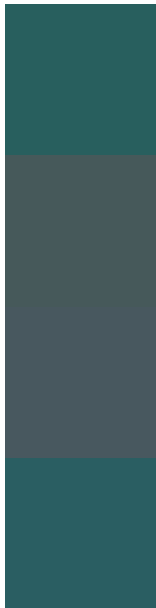
**Protanopia**  
575658

**Deuteranopia**  
5A5460



**Tritanopia**  
2B5E65

# Trichromacy



**Original Color**  
285F5E

**Protanomaly**  
46595A

**Deuteranomaly**  
48585F

**Tritanomaly**  
2A5E62

# Monochromacy



**Original Color**  
285F5E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
405454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 285F5E 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 #285F5E looks like.

```
.text, #text, p{  
    color:#285F5E  
}
```

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 #285F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285F5E
}
```

## Border

The CSS property to change the border of an element to Hex 285F5E 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
#285F5E }
```

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

```
.border{ border-color:#285F5E }
```

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

Here you see how a box with a 4 pixel #285F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285F5E; -webkit-box-shadow:4px 4px  
4px 4px #285F5E; box-shadow:4px 4px 4px  
4px #285F5E }
```

# Background

The CSS property to change the background color of an element to Hex 285F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285F5E }
```

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

```
.background{ background-color:#285F5E }
```

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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