

Converting Colors

Hex(285F41)

Have a look what the booklet for
Hex(285F41) contains.

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Color

Hex(285F41)

Conversions

Conversions Part 1

Format	Color
Hex	285F41
RGB	40, 95, 65
RGB Percent	16%, 37%, 25%
CMY	0.8431, 0.6275, 0.7451
CMYK	0.58, 0.00, 0.32, 0.63
HSL	147°, 41%, 26%
HSV	147°, 58%, 37%
XYZ	5.9214, 9.0172, 6.4294
YIQ	75.1350, -23.1500, -20.9900

Conversions

Conversions Part 2

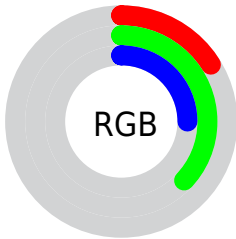
Format	Color
RYB	40, 78, 95
Decimal	2645825
CIELab	36.02, -26.00, 11.80
CIELCh	36, 28.554, 155.582
Yxy	9.0172, 0.2771, 0.4220
Android (android.graphics.Color)	4280835905 (0xFF285F41)
YUV	75.1350, -4.9966, -30.8134
Hunter-Lab	30.0286, -17.3513, 8.3255

Details

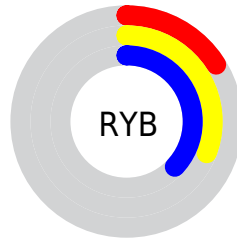
The Hex color **285F41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F2846**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5A9271**, and **003016** is the 20% darker color. If you saturate the color by 10%, you get **1F5F3C**, and if you desaturate by 10%, it is **315F46**.

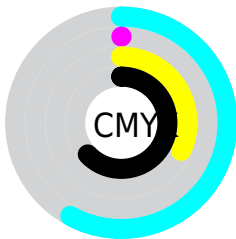
Distribution



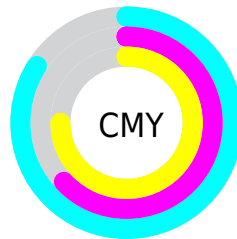
- Red (16%)
- Green (37%)
- Blue (25%)



- Red (16%)
- Yellow (31%)
- Blue (37%)



- Cyan (58%)
- Magenta (0%)
- Yellow (32%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285F41 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 285F41 by changing the saturation by 10% instead.

 285F41

 285F41

FFFFFF

 0C472B

 5A9271

 003016

 74AD8A

 001D00

 8EC8A5

 000000

 AAE4C0


 C5FFDC

 E2FFF8

 285F41

 285F41

 1F5F3C

 315F46

■ 155F37

■ 3B5F4B

■ 0C5F31

■ 455F51

■ 025F2C

■ 4E5F56

■ 005F2B

■ 585F5B

■ 615F60

■ 6A5F65

■ 745F6A

■ 7E5F70

Harmonies

Analogous

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



465B2E



285F41



006158

Triad

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



285F41



375682



7E453B

Complementary

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



285F41



5F2846

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.



804251



285F41



5C4D7A

Square

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



285F41



005C7E



754568



724D2B

Rectangle

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



285F41



006068



754568



804342

Sweetspot

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



285F41



667A6F



465F28



313D37



BDBDBD



3D3D3D

Same Dimension

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



285F41



267A4C



285F5C



2C302E



007033



00F06D

Inverse Universe

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



5F2846



7A2654



5F282B



302C2E



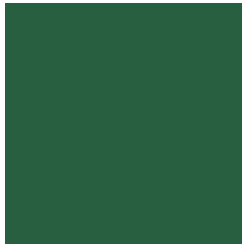
70003D



F00083

Previews

White Background



This preview shows how the Hex color 285F41 looks on a white background.

Color Contrast Check

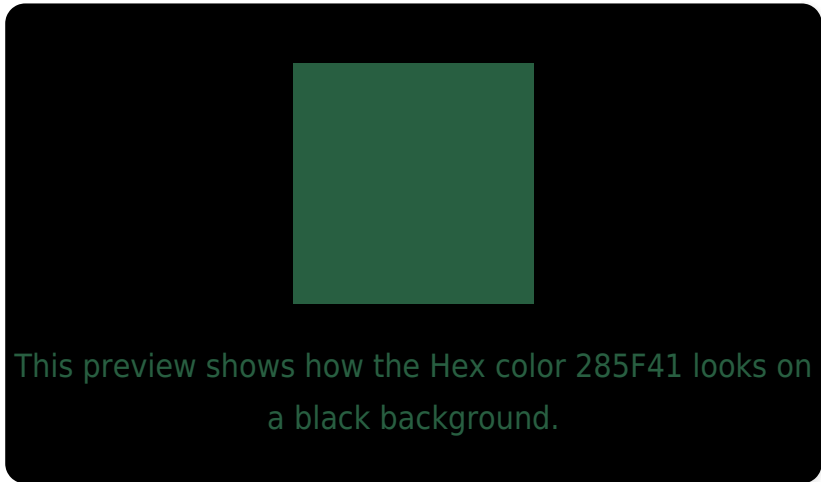
Large Text (above 18pt) WCAG AA ✓ Pass

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

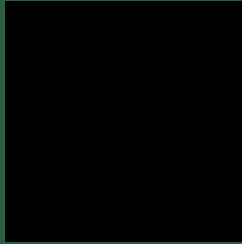
Any Text WCAG AA × Fail

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 285F41 Background



This preview shows how black text looks on a background with the Hex color 285F41.



This preview shows how white text looks on a background with the Hex color 285F41.

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
285F41

Protanopia
5B543C

Deuteranopia
625144



Tritanopia
325B62

Trichromacy



Original Color
285F41

Protanomaly
48583E

Deuteranomaly
4D5643

Tritanomaly
2E5C56

Monochromacy



Original Color
285F41

Achromatopsia
4B4B4B

Achromatomaly
3E5247

CSS Examples

Text

The CSS property to change the color of the text to Hex 285F41 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 #285F41 looks like.

```
.text, #text, p{  
    color:#285F41  
}
```

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 #285F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285F41
}
```

Border

The CSS property to change the border of an element to Hex 285F41 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".

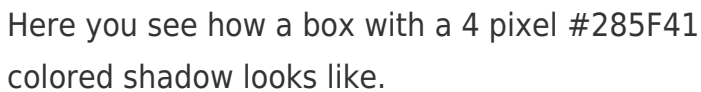
```
.border, #border, table{ border:4px solid
#285F41 }
```

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

```
.border{ border-color:#285F41 }
```

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

Here you see how a box with a 4 pixel #285F41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285F41; -webkit-box-shadow:4px 4px  
4px 4px #285F41; box-shadow:4px 4px 4px  
4px #285F41 }
```

Background

The CSS property to change the background color of an element to Hex 285F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285F41 }
```

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

```
.background{ background-color:#285F41 }
```

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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