

Converting Colors

Hex(285755)

Have a look what the booklet for
Hex(285755) contains.

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Color

Hex(285755)

Conversions

Conversions Part 1

Format	Color
Hex	285755
RGB	40, 87, 85
RGB Percent	16%, 34%, 33%
CMY	0.8431, 0.6588, 0.6667
CMYK	0.54, 0.00, 0.02, 0.66
HSL	177°, 37%, 25%
HSV	177°, 54%, 34%
XYZ	5.9230, 7.9234, 9.8115
YIQ	72.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

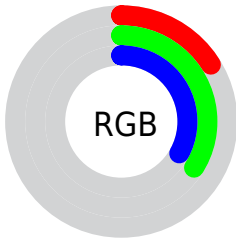
Format	Color
R_{YB}	40, 64, 87
Decimal	2643797
CIE _{Lab}	33.82, -16.52, -3.76
CIE _{LCh}	34, 16.946, 192.831
Yxy	7.9234, 0.2504, 0.3349
Android (android.graphics.Color)	4280833877 (0xFF285755)
YUV	72.7190, 6.0545, -28.6946
Hunter-Lab	28.1485, -11.7002, -0.9623

Details

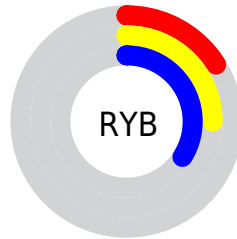
The Hex color **285755** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57282A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5A8987**, and **002928** is the 20% darker color. If you saturate the color by 10%, you get **1F5755**, and if you desaturate by 10%, it is **315755**.

Distribution



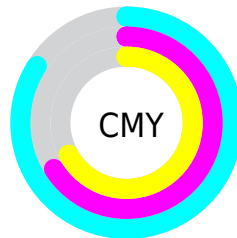
- Red (16%)
- Green (34%)
- Blue (33%)



- Red (16%)
- Yellow (25%)
- Blue (34%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (66%)



- Cyan (84%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285755 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 285755 by changing the saturation by 10% instead.

 285755

 285755

FFFFFF

 0D403E

 5A8987

 002928

 74A3A1

 001614

 8EBFBC

 000000

 A9DAD7

 C5F7F4

 E1FFFF

FEFFFF

 285755

 285755

■ 1F5755

■ 315755

■ 175754

■ 395756

■ 0E5754

■ 425756

■ 055754

■ 4B5756

■ 005753

■ 545757

■ 5C5757

■ 655758

■ 6E5758

■ 765758

Harmonies

Analogous

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



355647



285755



265661

Triad

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



285755



594A63



604C36

Complementary

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



285755



57282A

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.



68483E



285755



654658

Square

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



285755



474F6A



6A464A



535135

Rectangle

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



285755



2E5467



6A464A



634B38

Sweetspot

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



285755



5E706F



2A5728



2D3838



B8B8B8



383838

Same Dimension

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



285755



27706D



284257



272B2B



006B67



00EBE1

Inverse Universe

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



57282A



70272A



573D28



2B2727



6B0005



EB000A

Previews

White Background



This preview shows how the Hex color 285755 looks on a white background.

Color Contrast Check

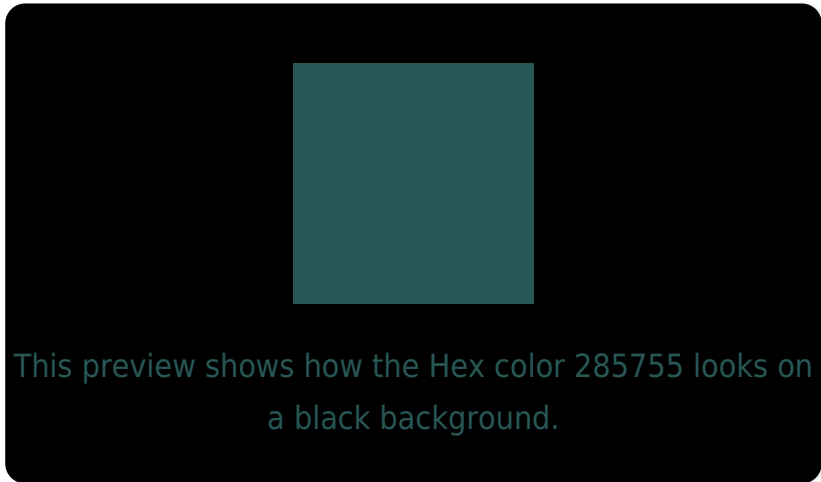
Large Text (above 18pt) WCAG AA ✓ Pass

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

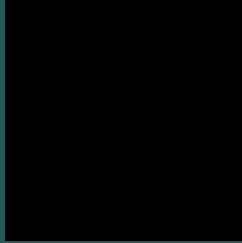
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

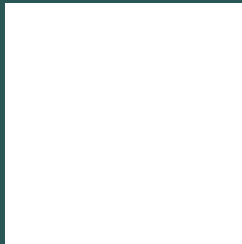
Any Text WCAG AAA × Fail

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

Hex 285755 Background



This preview shows how black text looks on a background with the Hex color 285755.



This preview shows how white text looks on a background with the Hex color 285755.

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](#).

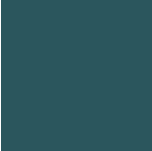
Dichromacy



Original Color
285755

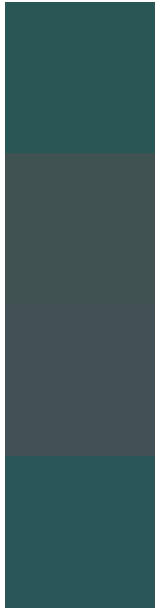
Protanopia
504F50

Deuteranopia
534D57



Tritanopia
2B565D

Trichromacy



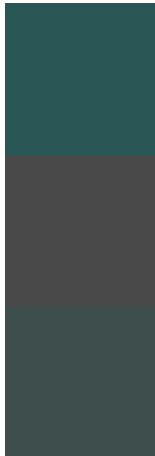
Original Color
285755

Protanomaly
415252

Deuteranomaly
435156

Tritanomaly
2A565A

Monochromacy



Original Color
285755

Achromatopsia
494949

Achromatomaly
3D4E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 285755 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 #285755 looks like.

```
.text, #text, p{  
    color:#285755  
}
```

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 #285755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285755
}
```

Border

The CSS property to change the border of an element to Hex 285755 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
#285755 }
```

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

```
.border{ border-color:#285755 }
```

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

Here you see how a box with a 4 pixel #285755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285755; -webkit-box-shadow:4px 4px  
4px 4px #285755; box-shadow:4px 4px 4px  
4px #285755 }
```

Background

The CSS property to change the background color of an element to Hex 285755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285755 }
```

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

```
.background{ background-color:#285755 }
```

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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