

Converting Colors

Hex(285251)

Have a look what the booklet for
Hex(285251) contains.

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Color

Hex(285251)

Conversions

Conversions Part 1

Format	Color
Hex	285251
RGB	40, 82, 81
RGB Percent	16%, 32%, 32%
CMY	0.8431, 0.6784, 0.6824
CMYK	0.51, 0.00, 0.01, 0.68
HSL	179°, 34%, 24%
HSV	179°, 51%, 32%
XYZ	5.3776, 7.0798, 8.8677
YIQ	69.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

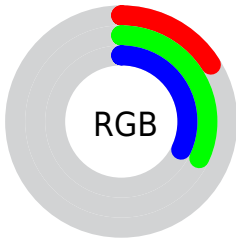
Format	Color
R_{YB}	40, 61, 82
Decimal	2642513
CIE _{Lab}	31.99, -14.90, -3.95
CIE _{LCh}	32, 15.411, 194.868
Yxy	7.0798, 0.2522, 0.3320
Android (android.graphics.Color)	4280832593 (0xFF285251)
YUV	69.3280, 5.7543, -25.7207
Hunter-Lab	26.6079, -10.4881, -1.1343

Details

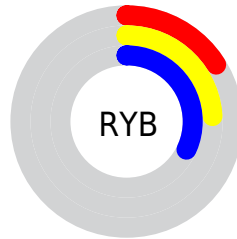
The Hex color **285251** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **522829**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **598482**, and **002525** is the 20% darker color. If you saturate the color by 10%, you get **205251**, and if you desaturate by 10%, it is **305251**.

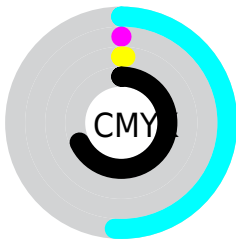
Distribution



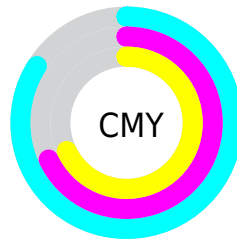
- Red (16%)
- Green (32%)
- Blue (32%)



- Red (16%)
- Yellow (24%)
- Blue (32%)



- Cyan (51%)
- Magenta (0%)
- Yellow (1%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285251 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 285251 by changing the saturation by 10% instead.

■ 285251

■ 285251

FFFFFF

■ 0E3B3A

■ 598482

■ 002525

■ 739E9C

■ 000E10

■ 8DB9B7

■ 000000

■ A8D4D3

■ C3F1EF

■ E0FFFF

■ FFFFFFFF

■ 285251

■ 285251

■ 205251

■ 305251

■ 185251

■ 385251

■ 0F5250

■ 415252

■ 075250

■ 495252

■ 005250

■ 515252

■ 595252

■ 615252

■ 6A5253

■ 725253

Harmonies

Analogous

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



325245



285251



28515C

Triad

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



285251



54465C



594834

Complementary

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



285251



522829

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.



61453B



285251



5F4352

Square

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



285251



454A62



644246



4E4C34

Rectangle

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



285251



2E4F61



644246



5D4736

Sweetspot

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



285251



5B6B6B



295228



2C3635



B5B5B5



363636

Same Dimension

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



285251



2A6B6A



283E52



252929



006966



00E8E3

Inverse Universe

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



522829



6B2A2B



523C28



292525



690002



E80006

Previews

White Background



This preview shows how the Hex color 285251 looks on a white background.

Color Contrast Check

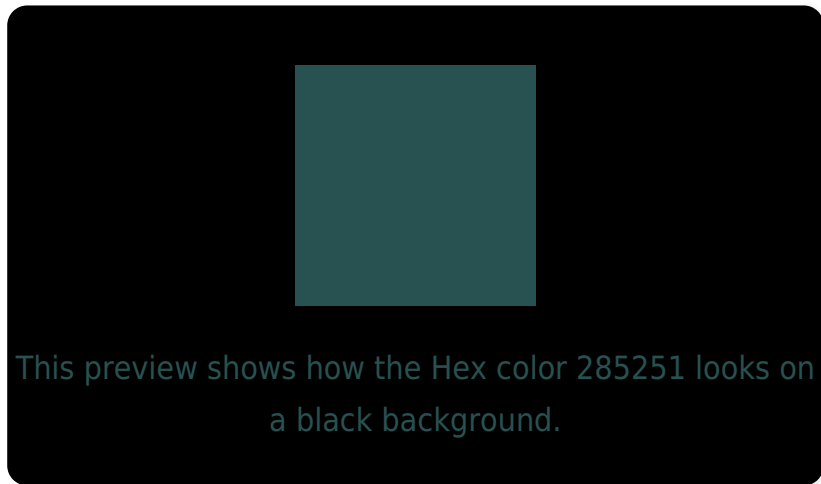
Large Text (above 18pt) WCAG AA ✓ Pass

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

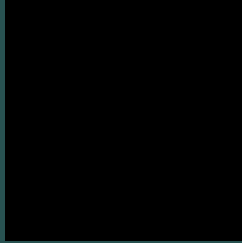
Any Text WCAG AA × Fail

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 285251 Background



This preview shows how black text looks on a background with the Hex color 285251.



This preview shows how white text looks on a background with the Hex color 285251.

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](#).

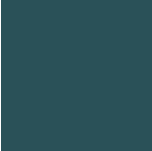
Dichromacy



Original Color
285251

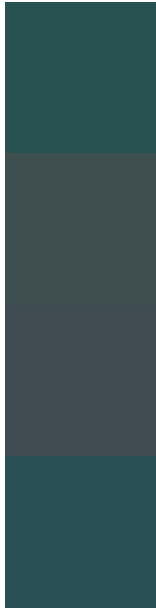
Protanopia
4C4B4D

Deuteranopia
4F4953



Tritanopia
2A5158

Trichromacy



Original Color
285251

Protanomaly
3F4E4E

Deuteranomaly
414C52

Tritanomaly
295155

Monochromacy



Original Color
285251

Achromatopsia
454545

Achromatomaly
3A4A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 285251 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 #285251 looks like.

```
.text, #text, p{  
    color:#285251  
}
```

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 #285251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285251
}
```

Border

The CSS property to change the border of an element to Hex 285251 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
#285251 }
```

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

```
.border{ border-color:#285251 }
```

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

Here you see how a box with a 4 pixel #285251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285251; -webkit-box-shadow:4px 4px  
4px 4px #285251; box-shadow:4px 4px 4px  
4px #285251 }
```

Background

The CSS property to change the background color of an element to Hex 285251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285251 }
```

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

```
.background{ background-color:#285251 }
```

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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