

Converting Colors

Hex(285331)

Have a look what the booklet for
Hex(285331) contains.

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Color

Hex(285331)

Conversions

Conversions Part 1

Format	Color
Hex	285331
RGB	40, 83, 49
RGB Percent	16%, 33%, 19%
CMY	0.8431, 0.6745, 0.8078
CMYK	0.52, 0.00, 0.41, 0.67
HSL	133°, 35%, 24%
HSV	133°, 52%, 33%
XYZ	4.5227, 6.8594, 3.9914
YIQ	66.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

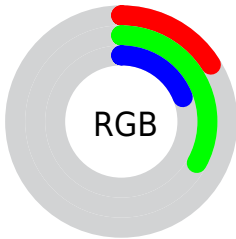
Format	Color
RYB	40, 76, 83
Decimal	2642737
CIELab	31.48, -23.49, 15.43
CIELCh	31, 28.105, 146.696
Yxy	6.8594, 0.2942, 0.4462
Android (android.graphics.Color)	4280832817 (0xFF285331)
YUV	66.2670, -8.5126, -23.0362
Hunter-Lab	26.1904, -15.0089, 9.2977

Details

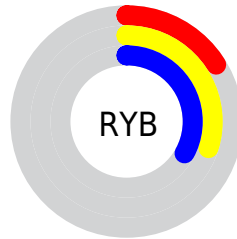
The Hex color **285331** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53284A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **588560**, and **002503** is the 20% darker color. If you saturate the color by 10%, you get **20532A**, and if you desaturate by 10%, it is **305338**.

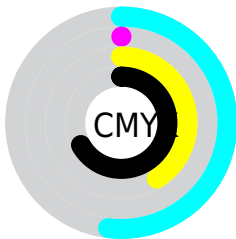
Distribution



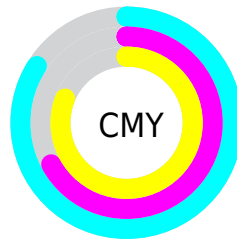
- Red (16%)
- Green (33%)
- Blue (19%)



- Red (16%)
- Yellow (30%)
- Blue (33%)



- Cyan (52%)
- Magenta (0%)
- Yellow (41%)
- Black (67%)



- Cyan (84%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285331 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 285331 by changing the saturation by 10% instead.

■ 285331

■ 285331

FFFFFF

■ 0F3C1C

■ 588560

■ 002503

■ 729F78

■ 000A00

■ 8CBA92

■ 000000

■ A7D6AD

■ C2F3C8

■ DEFFE4

■ FBFFFF

■ 285331

■ 285331

■ 20532A

■ 305338

■ 175324

■ 39533E

■ 0F531D

■ 415345

■ 075317

■ 49534B

■ 005311

■ 525352

■ 5A5358

■ 62535F

■ 6A5366

■ 73536C

Harmonies

Analogous

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



434F21



285331



005547

Triad

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



285331



1B4D76



733938

Complementary

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



285331



53284A

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.



71384D



285331



484571

Square

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



285331



00526E



633D63



6A4026

Rectangle

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



285331



005556



633D63



74383F

Sweetspot

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



285331



5A6B5E



4A5328



2B362E



B5B5B5



363636

Same Dimension

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



285331



296B37



285346



252926



006916



00E831

Inverse Universe

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



53284A



6B295D



532835



292528



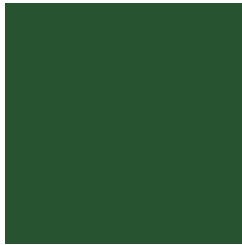
690053



E800B7

Previews

White Background



This preview shows how the Hex color 285331 looks on a white background.

Color Contrast Check

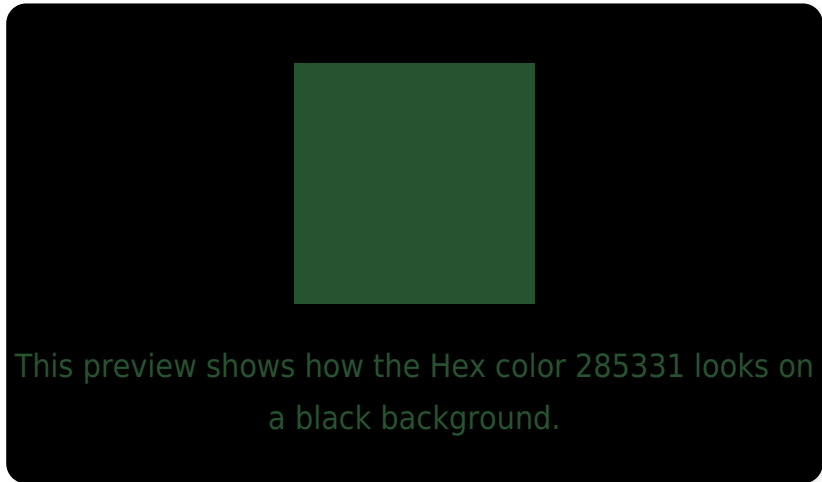
Large Text (above 18pt) WCAG AA ✓ Pass

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

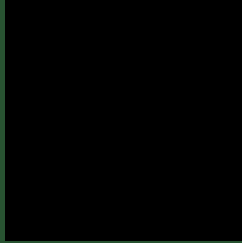
Any Text WCAG AA × Fail

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 285331 Background



This preview shows how black text looks on a background with the Hex color 285331.



This preview shows how white text looks on a background with the Hex color 285331.

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
285331

Protanopia
514A2D

Deuteranopia
584734



Tritanopia
314F55

Trichromacy



Original Color
285331

Protanomaly
424D2E

Deuteranomaly
474B33

Tritanomaly
2E5048

Monochromacy



Original Color
285331

Achromatopsia
424242

Achromatomaly
39483C

CSS Examples

Text

The CSS property to change the color of the text to Hex 285331 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 #285331 looks like.

```
.text, #text, p{  
    color:#285331  
}
```

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 #285331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285331
}
```

Border

The CSS property to change the border of an element to Hex 285331 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
#285331 }
```

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

```
.border{ border-color:#285331 }
```

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

Here you see how a box with a 4 pixel #285331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285331; -webkit-box-shadow:4px 4px  
4px 4px #285331; box-shadow:4px 4px 4px  
4px #285331 }
```

Background

The CSS property to change the background color of an element to Hex 285331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285331 }
```

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

```
.background{ background-color:#285331 }
```

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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