

Converting Colors

Hex(285823)

Have a look what the booklet for
Hex(285823) contains.

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Color

Hex(285823)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 285823 |
| RGB | 40, 88, 35 |
| RGB Percent | 16%, 35%, 14% |
| CMY | 0.8431, 0.6549, 0.8627 |
| CMYK | 0.55, 0.00, 0.60, 0.65 |
| HSL | 114°, 43%, 24% |
| HSV | 114°, 60%, 35% |
| XYZ | 4.6682, 7.5519, 2.8017 |
| YIQ | 67.6060, -11.5950, -26.6590 |

Conversions

Conversions Part 2

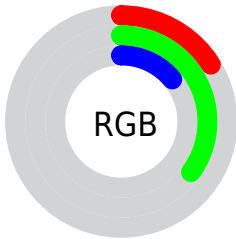
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 35, 88, 83 |
| Decimal | 2644003 |
| CIELab | 33.03, -28.24, 25.49 |
| CIElCh | 33, 38.041, 137.924 |
| Yxy | 7.5519, 0.3108, 0.5027 |
| Android (android.graphics.Color) | 4280834083 (0xFF285823) |
| YUV | 67.6060, -16.0748, -24.2105 |
| Hunter-Lab | 27.4807, -17.7694, 13.1917 |

Details

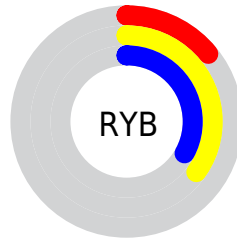
The Hex color **285823** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532358**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5A8A51**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **20581A**, and if you desaturate by 10%, it is **30582C**.

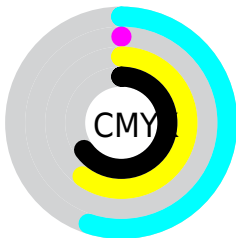
Distribution



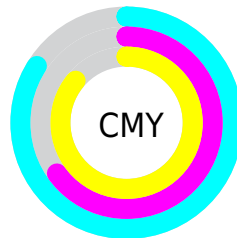
- Red (16%)
- Green (35%)
- Blue (14%)



- Red (14%)
- Yellow (35%)
- Blue (33%)



- Cyan (55%)
- Magenta (0%)
- Yellow (60%)
- Black (65%)



- Cyan (84%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285823 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 285823 by changing the saturation by 10% instead.

 285823

 285823

FFFFFF

 0D400D

 5A8A51

 002A00

 73A56A

 001300

 8EC083

 000000

 A9DC9E

 C5F9B9

 E1FFD5

 FEFFF1

 285823

 285823

■ 20581A

■ 30582C

■ 185811

■ 385835

■ 105809

■ 40583D

■ 085800

■ 485846

■ 50584F

■ 585858

■ 605861

■ 685869

■ 705872

Harmonies

Analogous

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



4C520E



285823



005B40

Triad

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



285823



005588



84323D

Complementary

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



285823



532358

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.



7E335B



285823



374B87

Square

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



285823



005A7A



663E76



7B3C22

Rectangle

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



285823



005C55



663E76



843147

Sweetspot

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



285823



60735E



585323



2F3B2E



BABABA



3B3B3B

Same Dimension

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



285823



287320



235838



272B27



0A6B00



16EB00

Inverse Universe

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



532358



6B2073



582343



2B272B



61006B



D400EB

Previews

White Background



This preview shows how the Hex color 285823 looks on a white background.

Color Contrast Check

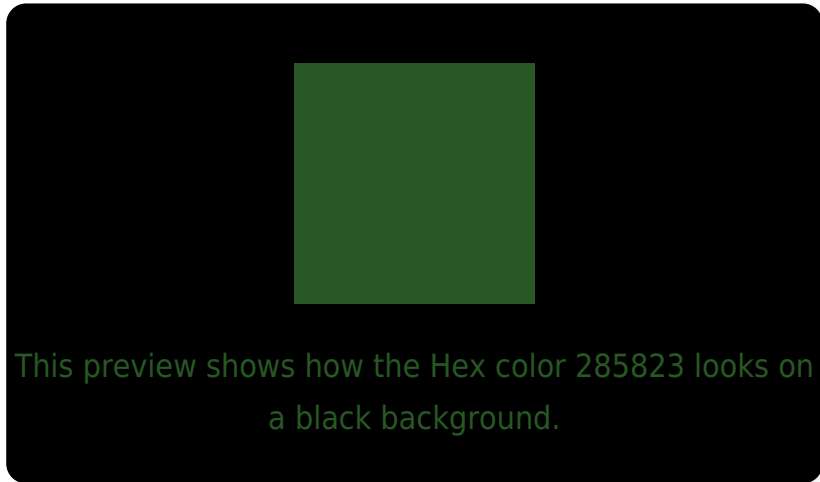
Large Text (above 18pt) WCAG AA ✓ Pass

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

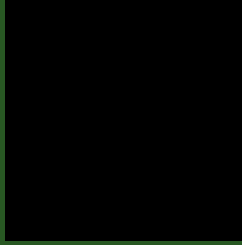
Any Text WCAG AA × Fail

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 285823 Background



This preview shows how black text looks on a background with the Hex color 285823.



This preview shows how white text looks on a background with the Hex color 285823.

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
285823

Protanopia
564E20

Deuteranopia
5F4A27



Tritanopia
345359

Trichromacy



Original Color
285823

Protanomaly
455221

Deuteranomaly
4B4F26

Tritanomaly
305545

Monochromacy



Original Color
285823

Achromatopsia
444444

Achromatomaly
3A4B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 285823 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 #285823 looks like.

```
.text, #text, p{  
    color:#285823  
}
```

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 #285823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285823
}
```

Border

The CSS property to change the border of an element to Hex 285823 is called "border". The border property can be set on classes, ids or directly on the HTML element.

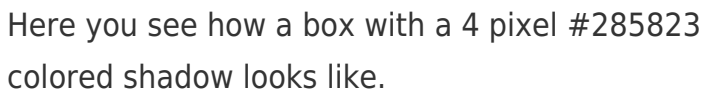
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#285823 }
```

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

```
.border{ border-color:#285823 }
```

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



Here you see how a box with a 4 pixel #285823 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285823; -webkit-box-shadow:4px 4px  
4px 4px #285823; box-shadow:4px 4px 4px  
4px #285823 }
```

Background

The CSS property to change the background color of an element to Hex 285823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285823 }
```

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

```
.background{ background-color:#285823 }
```

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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