

Converting Colors

Hex(285E2B)

Have a look what the booklet for
Hex(285E2B) contains.

Hex(285E2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(285E2B)

Conversions

Conversions Part 1

Format	Color
Hex	285E2B
RGB	40, 94, 43
RGB Percent	16%, 37%, 17%
CMY	0.8431, 0.6314, 0.8314
CMYK	0.57, 0.00, 0.54, 0.63
HSL	123°, 40%, 26%
HSV	123°, 57%, 37%
XYZ	5.3138, 8.6309, 3.6714
YIQ	72.0400, -15.8130, -27.3090

Conversions

Conversions Part 2

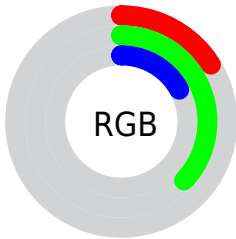
Format	Color
R_{YB}	40, 91, 94
Decimal	2645547
CIE _{Lab}	35.26, -29.78, 23.77
CIE _{LCh}	35, 38.103, 141.397
Yxy	8.6309, 0.3016, 0.4899
Android (android.graphics.Color)	4280835627 (0xFF285E2B)
YUV	72.0400, -14.3167, -28.0991
Hunter-Lab	29.3785, -19.1262, 13.1556

Details

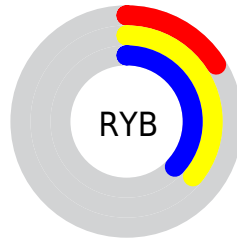
The Hex color **285E2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E285B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5B915A**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **1F5E22**, and if you desaturate by 10%, it is **315E34**.

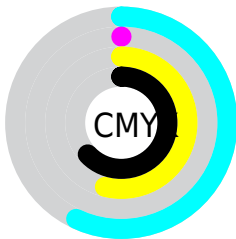
Distribution



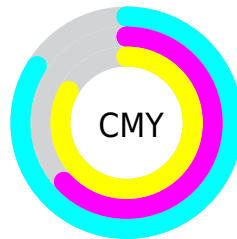
- Red (16%)
- Green (37%)
- Blue (17%)



- Red (16%)
- Yellow (36%)
- Blue (37%)



- Cyan (57%)
- Magenta (0%)
- Yellow (54%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285E2B 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 285E2B by changing the saturation by 10% instead.

 285E2B

 285E2B

FFFFFF

 0C4615

 5B915A

 002F00

 74AC73

 001B00

 8FC78C

 000000

 AAE3A7

 C6FFC2

 E2FFDE

 FFFFFB

 285E2B

 285E2B

■ 1F5E22

■ 315E34

■ 155E19

■ 3B5E3D

■ 0C5E10

■ 445E46

■ 025E07

■ 4E5E4F

■ 005E05

■ 575E57

■ 605E60

■ 6A5E69

■ 735E72

■ 7D5E7B

Harmonies

Analogous

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



4E5815



285E2B



006149

Triad

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



285E2B



00598F



8A383F

Complementary

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



285E2B



5E285B

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.



86385D



285E2B



444F8C

Square

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



285E2B



005F82



6F4279



804224

Rectangle

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



285E2B



00625E



6F4279



8B3749

Sweetspot

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



285E2B



667A67



5B5E28



313D32



BDBDBD



3D3D3D

Same Dimension

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



285E2B



267A2B



285E46



292E2A



006E06



00ED0D

Inverse Universe

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



5E285B



7A2676



5E2840



2E292E



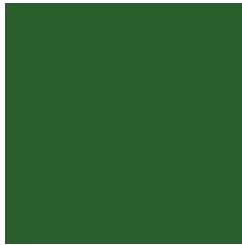
6E0068



ED00E0

Previews

White Background



This preview shows how the Hex color 285E2B looks on a white background.

Color Contrast Check

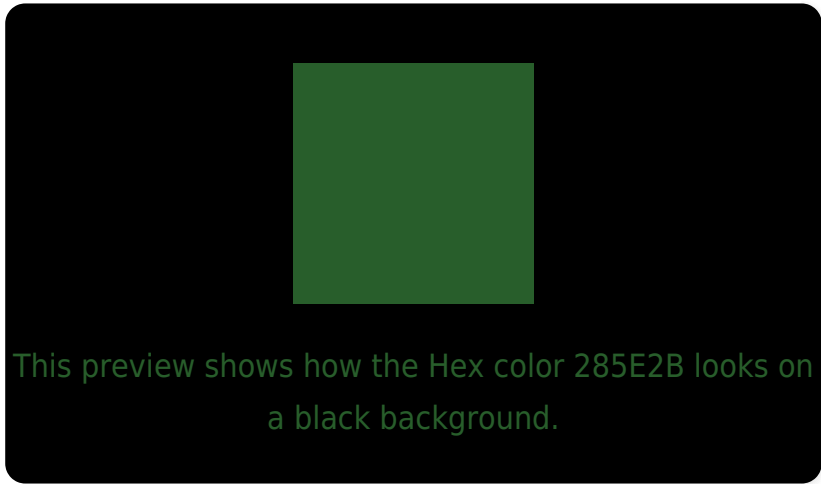
Large Text (above 18pt) WCAG AA ✓ Pass

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

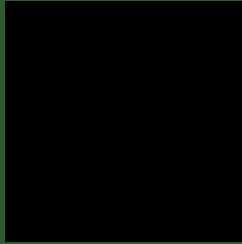
Any Text WCAG AA × Fail

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 285E2B Background



This preview shows how black text looks on a background with the Hex color 285E2B.



This preview shows how white text looks on a background with the Hex color 285E2B.

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
285E2B

Protanopia
5C5327

Deuteranopia
654F2F



Tritanopia
355860

Trichromacy



Original Color
285E2B

Protanomaly
495728

Deuteranomaly
4F542E

Tritanomaly
305A4D

Monochromacy



Original Color
285E2B

Achromatopsia
484848

Achromatomaly
3C503D

CSS Examples

Text

The CSS property to change the color of the text to Hex 285E2B 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 #285E2B looks like.

```
.text, #text, p{  
    color:#285E2B  
}
```

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 #285E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285E2B
}
```

Border

The CSS property to change the border of an element to Hex 285E2B 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".

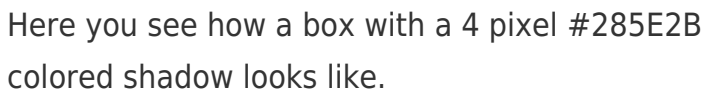
```
.border, #border, table{ border:4px solid
#285E2B }
```

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

```
.border{ border-color:#285E2B }
```

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

Here you see how a box with a 4 pixel #285E2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285E2B; -webkit-box-shadow:4px 4px  
4px 4px #285E2B; box-shadow:4px 4px 4px  
4px #285E2B }
```

Background

The CSS property to change the background color of an element to Hex 285E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285E2B }
```

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

```
.background{ background-color:#285E2B }
```

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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