

Converting Colors

Hex(2D885C)

Have a look what the booklet for
Hex(2D885C) contains.

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Color

Hex(2D885C)

Conversions

Conversions Part 1

Format	Color
Hex	2D885C
RGB	45, 136, 92
RGB Percent	18%, 53%, 36%
CMY	0.8235, 0.4667, 0.6392
CMYK	0.67, 0.00, 0.32, 0.47
HSL	151°, 50%, 35%
HSV	151°, 67%, 53%
XYZ	11.8181, 18.9389, 13.1579
YIQ	103.7750, -40.1120, -32.9760

Conversions

Conversions Part 2

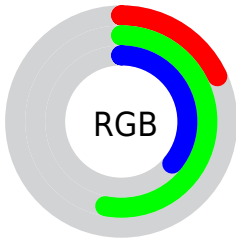
Format	Color
RYB	45, 105, 136
Decimal	2984028
CIELab	50.62, -37.58, 15.98
CIELCh	51, 40.832, 156.968
Yxy	18.9389, 0.2691, 0.4313
Android (android.graphics.Color)	4281174108 (0xFF2D885C)
YUV	103.7750, -5.8051, -51.5457
Hunter-Lab	43.5189, -27.6840, 12.5369

Details

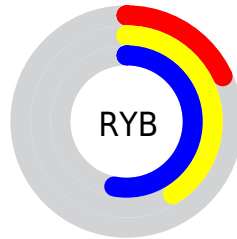
The Hex color **2D885C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **882D59**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **66BE8E**, and **00552E** is the 20% darker color. If you saturate the color by 10%, you get **1F8855**, and if you desaturate by 10%, it is **3B8863**.

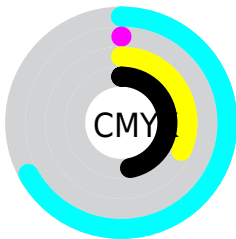
Distribution



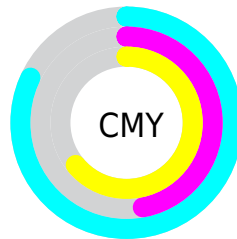
- Red (18%)
- Green (53%)
- Blue (36%)



- Red (18%)
- Yellow (41%)
- Blue (53%)



- Cyan (67%)
- Magenta (0%)
- Yellow (32%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D885C 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 2D885C by changing the saturation by 10% instead.

 2D885C

 2D885C

FFFFFF

 046E44

 66BE8E

 00552E

 81DAA9

 003D18

 9DF7C4

 002800

 B9FFE0

 000400

 D6FFFD

 000000

 F3FFFF

 2D885C

 2D885C

 1F8855

 3B8863

■ 12884F

■ 488869

■ 048848

■ 568870

■ 008846

■ 638876

■ 71887D

■ 7F8883

■ 8C888A

■ 9A8891

■ A78897

Harmonies

Analogous

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



60823F



2D885C



008A80

Triad

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



2D885C



4A79BD



B56150

Complementary

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



2D885C



882D59

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.



B95B72



2D885C



866CB0

Square

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



2D885C



0083B8



AA5F94



A26D38

Rectangle

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



2D885C



008A97



AA5F94



B95E5B

Sweetspot

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



2D885C



8DB09F



5B882D



44594F



D9D9D9



595959

Same Dimension

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



2D885C



23B06C



2D8888



3E4542



008544



000503

Inverse Universe

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



882D59



B02367



882D2D



453E41



850040



050002

Previews

White Background



This preview shows how the Hex color 2D885C looks on a white background.

Color Contrast Check

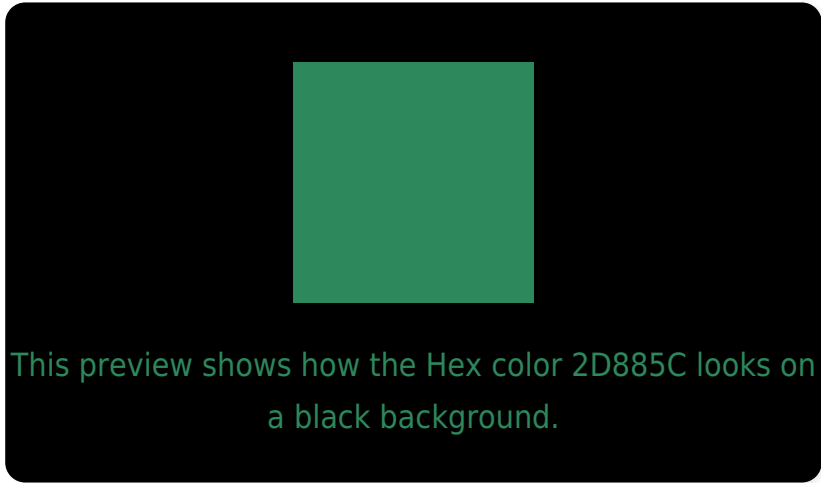
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 2D885C Background



This preview shows how black text looks on a background with the Hex color 2D885C.



This preview shows how white text looks on a background with the Hex color 2D885C.

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
2D885C

Protanopia
817855

Deuteranopia
8B7361



Tritanopia
3F828C

Trichromacy



Original Color
2D885C

Protanomaly
627E58

Deuteranomaly
697B5F

Tritanomaly
38847B

Monochromacy



Original Color
2D885C

Achromatopsia
686868

Achromatomaly
537464

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D885C 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 #2D885C looks like.

```
.text, #text, p{  
    color:#2D885C  
}
```

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 #2D885C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D885C
}
```

Border

The CSS property to change the border of an element to Hex 2D885C 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
#2D885C }
```

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

```
.border{ border-color:#2D885C }
```

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

Here you see how a box with a 4 pixel #2D885C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D885C; -webkit-box-shadow:4px 4px  
4px 4px #2D885C; box-shadow:4px 4px 4px  
4px #2D885C }
```

Background

The CSS property to change the background color of an element to Hex 2D885C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D885C }
```

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

```
.background{ background-color:#2D885C }
```

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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