

Converting Colors

Hex(2C5D3F)

Have a look what the booklet for
Hex(2C5D3F) contains.

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Color

Hex(2C5D3F)

Conversions

Conversions Part 1

Format	Color
Hex	2C5D3F
RGB	44, 93, 63
RGB Percent	17%, 36%, 25%
CMY	0.8275, 0.6353, 0.7529
CMYK	0.53, 0.00, 0.32, 0.64
HSL	143°, 36%, 27%
HSV	143°, 53%, 36%
XYZ	5.8503, 8.7231, 6.0780
YIQ	74.9290, -19.5740, -19.7180

Conversions

Conversions Part 2

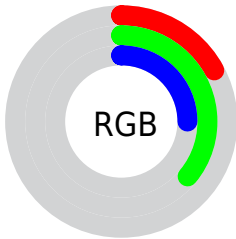
Format	Color
RYB	44, 79, 93
Decimal	2907455
CIELab	35.45, -24.33, 12.26
CIElCh	35, 27.248, 153.252
Yxy	8.7231, 0.2833, 0.4224
Android (android.graphics.Color)	4281097535 (0xFF2C5D3F)
YUV	74.9290, -5.8810, -27.1247
Hunter-Lab	29.5348, -16.3286, 8.4730

Details

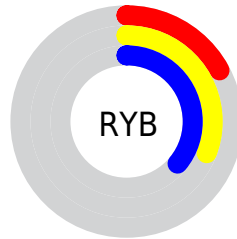
The Hex color **2C5D3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2C4A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5D906F**, and **002E14** is the 20% darker color. If you saturate the color by 10%, you get **235D39**, and if you desaturate by 10%, it is **355D45**.

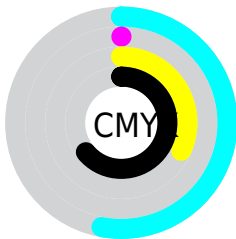
Distribution



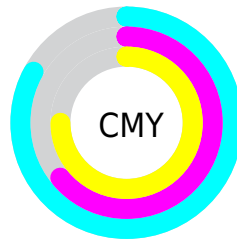
- Red (17%)
- Green (36%)
- Blue (25%)



- Red (17%)
- Yellow (31%)
- Blue (36%)



- Cyan (53%)
- Magenta (0%)
- Yellow (32%)
- Black (64%)



- Cyan (83%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5D3F 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 2C5D3F by changing the saturation by 10% instead.

 2C5D3F

 2C5D3F

FFFFFF

 134529

 5D906F

 002E14

 77AA88

 001C00

 91C6A2

 000000

 ACE2BE

 C8FFD9

 E5FFF6

 2C5D3F

 2C5D3F

 235D39

 355D45

■ 195D34

■ 3F5D4A

■ 105D2E

■ 485D50

■ 075D28

■ 515D56

■ 005D24

■ 5B5D5B

■ 645D61

■ 6D5D67

■ 765D6D

■ 805D72

Harmonies

Analogous

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



48592E



2C5D3F



005F55

Triad

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



2C5D3F



34557F



7B443D

Complementary

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



2C5D3F



5D2C4A

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.



7C4252



2C5D3F



584D78

Square

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



2C5D3F



005B7A



704567



714B2D

Rectangle

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



2C5D3F



005E64



704567



7D4343

Sweetspot

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



2C5D3F



65786C



4A5D2C



323D36



BDBDBD



3D3D3D

Same Dimension

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



2C5D3F



2C784A



2C5D57



292E2B



006E2B



00ED5C

Inverse Universe

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



5D2C4A



782C5B



5D2C32



2E292C



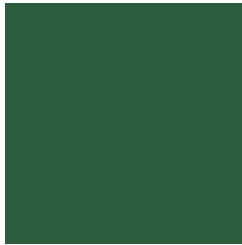
6E0043



ED0091

Previews

White Background



This preview shows how the Hex color 2C5D3F looks on a white background.

Color Contrast Check

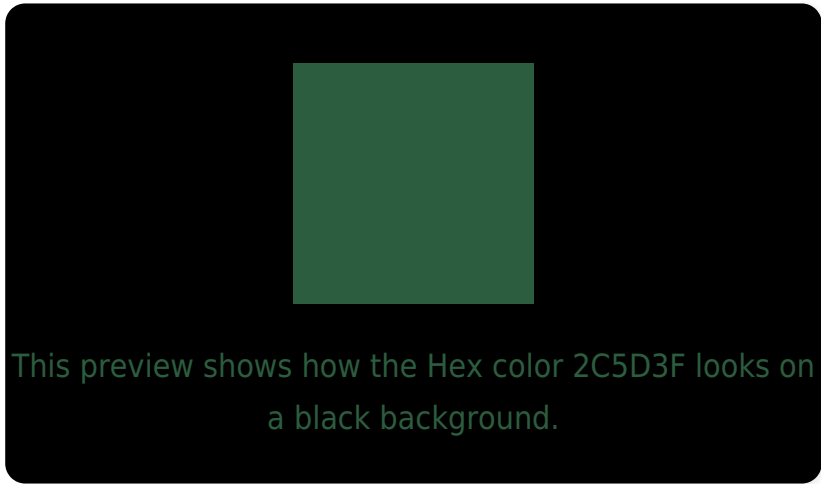
Large Text (above 18pt) WCAG AA ✓ Pass

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

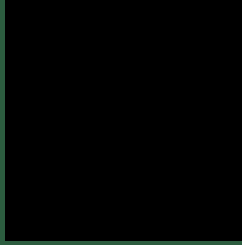
Any Text WCAG AA × Fail

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 2C5D3F Background



This preview shows how black text looks on a background with the Hex color 2C5D3F.



This preview shows how white text looks on a background with the Hex color 2C5D3F.

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
2C5D3F

Protanopia
5A533B

Deuteranopia
615042



Tritanopia
355960

Trichromacy



Original Color
2C5D3F

Protanomaly
49573C

Deuteranomaly
4E5541

Tritanomaly
325A54

Monochromacy



Original Color
2C5D3F

Achromatopsia
4B4B4B

Achromatomaly
405247

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5D3F 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 #2C5D3F looks like.

```
.text, #text, p{  
    color:#2C5D3F  
}
```

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 #2C5D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5D3F
}
```

Border

The CSS property to change the border of an element to Hex 2C5D3F 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
#2C5D3F }
```

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

```
.border{ border-color:#2C5D3F }
```

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

Here you see how a box with a 4 pixel #2C5D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5D3F; -webkit-box-shadow:4px 4px  
4px 4px #2C5D3F; box-shadow:4px 4px 4px  
4px #2C5D3F }
```

Background

The CSS property to change the background color of an element to Hex 2C5D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5D3F }
```

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

```
.background{ background-color:#2C5D3F }
```

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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