

Converting Colors

Hex(2C5E4C)

Have a look what the booklet for
Hex(2C5E4C) contains.

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Color

Hex(2C5E4C)

Conversions

Conversions Part 1

Format	Color
Hex	2C5E4C
RGB	44, 94, 76
RGB Percent	17%, 37%, 30%
CMY	0.8275, 0.6314, 0.7020
CMYK	0.53, 0.00, 0.19, 0.63
HSL	158°, 36%, 27%
HSV	158°, 53%, 37%
XYZ	6.3459, 9.0627, 8.2523
YIQ	76.9980, -24.0220, -16.1980

Conversions

Conversions Part 2

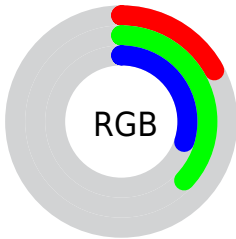
Format	Color
RYB	44, 74, 94
Decimal	2907724
CIELab	36.10, -21.75, 5.20
CIElCh	36, 22.361, 166.560
Yxy	9.0627, 0.2682, 0.3830
Android (android.graphics.Color)	4281097804 (0xFF2C5E4C)
YUV	76.9980, -0.4920, -28.9392
Hunter-Lab	30.1043, -15.0551, 4.8202

Details

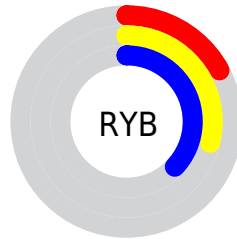
The Hex color **2C5E4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2C3E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5E917D**, and **002F20** is the 20% darker color. If you saturate the color by 10%, you get **235E49**, and if you desaturate by 10%, it is **355E4F**.

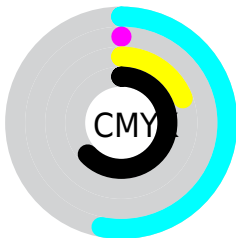
Distribution



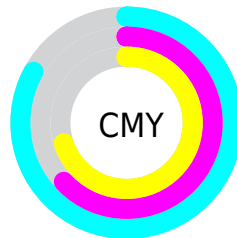
- Red (17%)
- Green (37%)
- Blue (30%)



- Red (17%)
- Yellow (29%)
- Blue (37%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (63%)



- Cyan (83%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5E4C 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 2C5E4C by changing the saturation by 10% instead.

 2C5E4C

 2C5E4C

FFFFFF

 124635

 5E917D

 002F20

 77AB97

 001C09

 92C7B1

 000000

 ADE3CD

 C9FFE9

 E5FFFF

 2C5E4C

 2C5E4C

 235E49

 355E4F

■ 195E45

■ 3F5E53

■ 105E42

■ 485E56

■ 065E3E

■ 525E5A

■ 005E3C

■ 5B5E5D

■ 645E60

■ 6E5E64

■ 775E67

■ 815E6A

Harmonies

Analogous

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



435B3C



2C5E4C



145F5E

Triad

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



2C5E4C



4B5377



744B3C

Complementary

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



2C5E4C



5E2C3E

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.



78474C



2C5E4C



634D6E

Square

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



2C5E4C



2D5977



73485E



685132

Rectangle

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



2C5E4C



0C5E6A



73485E



764940

Sweetspot

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



2C5E4C



677A73



3E5E2C



323D39



BDBDBD



3D3D3D

Same Dimension

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



2C5E4C



2C7A5E



2C575E



292E2C



006E46



00ED98

Inverse Universe

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



5E2C3E



7A2C48



5E332C



2E292B



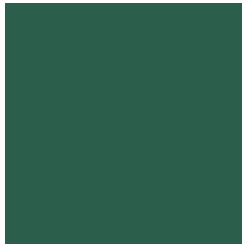
6E0027



ED0055

Previews

White Background



This preview shows how the Hex color 2C5E4C looks on a white background.

Color Contrast Check

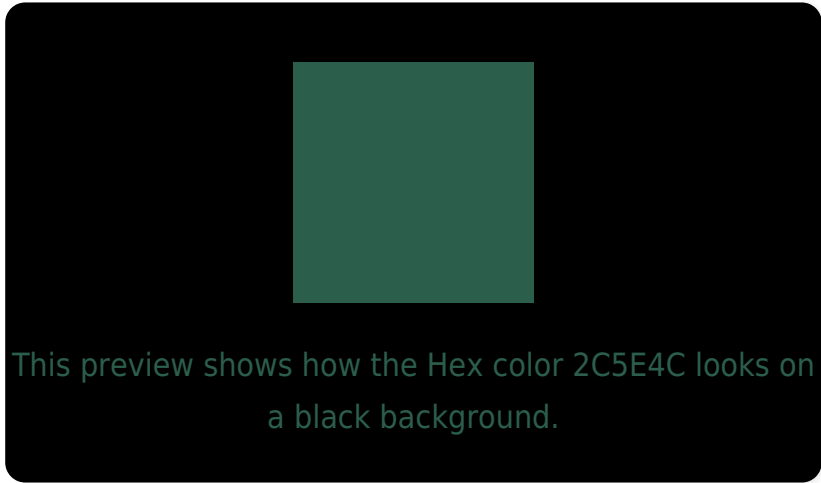
Large Text (above 18pt) WCAG AA ✓ Pass

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

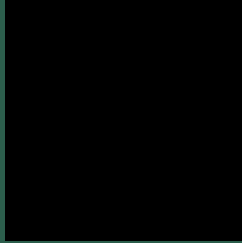
Any Text WCAG AA × Fail

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 2C5E4C Background



This preview shows how black text looks on a background with the Hex color 2C5E4C.



This preview shows how white text looks on a background with the Hex color 2C5E4C.

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
2C5E4C

Protanopia
595447

Deuteranopia
5F524F



Tritanopia
335B62

Trichromacy



Original Color
2C5E4C

Protanomaly
495849

Deuteranomaly
4C564E

Tritanomaly
305C5A

Monochromacy



Original Color
2C5E4C

Achromatopsia
4D4D4D

Achromatomaly
41534D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5E4C 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 #2C5E4C looks like.

```
.text, #text, p{  
    color:#2C5E4C  
}
```

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 #2C5E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5E4C
}
```

Border

The CSS property to change the border of an element to Hex 2C5E4C 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".

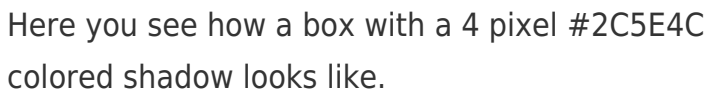
```
.border, #border, table{ border:4px solid
#2C5E4C }
```

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

```
.border{ border-color:#2C5E4C }
```

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

Here you see how a box with a 4 pixel #2C5E4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5E4C; -webkit-box-shadow:4px 4px  
4px 4px #2C5E4C; box-shadow:4px 4px 4px  
4px #2C5E4C }
```

Background

The CSS property to change the background color of an element to Hex 2C5E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5E4C }
```

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

```
.background{ background-color:#2C5E4C }
```

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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