

Converting Colors

Hex(2C784A)

Have a look what the booklet for
Hex(2C784A) contains.

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Color

Hex(2C784A)

Conversions

Conversions Part 1

Format	Color
Hex	2C784A
RGB	44, 120, 74
RGB Percent	17%, 47%, 29%
CMY	0.8275, 0.5294, 0.7098
CMYK	0.63, 0.00, 0.38, 0.53
HSL	144°, 46%, 32%
HSV	144°, 63%, 47%
XYZ	8.9912, 14.4628, 8.7963
YIQ	92.0320, -30.5300, -30.4180

Conversions

Conversions Part 2

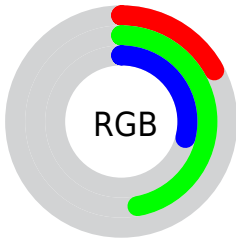
Format	Color
RYB	44, 98, 120
Decimal	2914378
CIELab	44.89, -34.63, 18.52
CIELCh	45, 39.275, 151.860
Yxy	14.4628, 0.2788, 0.4485
Android (android.graphics.Color)	4281104458 (0xFF2C784A)
YUV	92.0320, -8.8898, -42.1241
Hunter-Lab	38.0300, -24.3509, 12.9073

Details

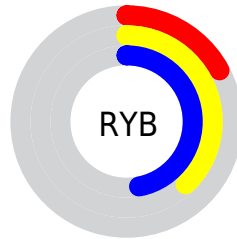
The Hex color **2C784A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **782C5A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62AD7B**, and **00461D** is the 20% darker color. If you saturate the color by 10%, you get **207843**, and if you desaturate by 10%, it is **387851**.

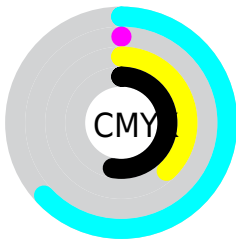
Distribution



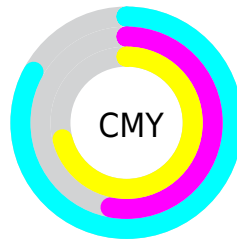
- Red (17%)
- Green (47%)
- Blue (29%)



- Red (17%)
- Yellow (38%)
- Blue (47%)



- Cyan (63%)
- Magenta (0%)
- Yellow (38%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C784A 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 2C784A by changing the saturation by 10% instead.



2C784A



2C784A

FFFFFF



0A5F33



62AD7B



00461D



7DC995



002F06



98E5B0



001A00



B4FFCB



000000



D0FFE8



EDFFFF



2C784A



2C784A



207843



387851

■ 14783B

■ 447859

■ 087834

■ 507860

■ 00782F

■ 5C7867

■ 68786E

■ 747876

■ 80787D

■ 8C7884

■ 98788B

Harmonies

Analogous

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



597230



2C784A



007A6B

Triad

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



2C784A



2D6DAC



A55249

Complementary

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



2C784A



782C5A

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.



A54E69



2C784A



6F61A2

Square

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



2C784A



0076A3



94548A



955D30

Rectangle

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



2C784A



007A82



94548A



A74F54

Sweetspot

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



2C784A



7E9C8A



5B782C



3D4F44



CFCFCF



4F4F4F

Same Dimension

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



2C784A



259C54



2C786F



373D39



007D31



00FC64

Inverse Universe

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



782C5A



9C256D



782C35



3D373B



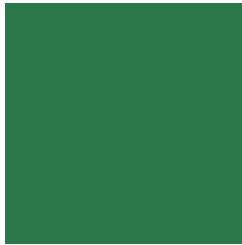
7D004C



FC0099

Previews

White Background



This preview shows how the Hex color 2C784A looks on a white background.

Color Contrast Check

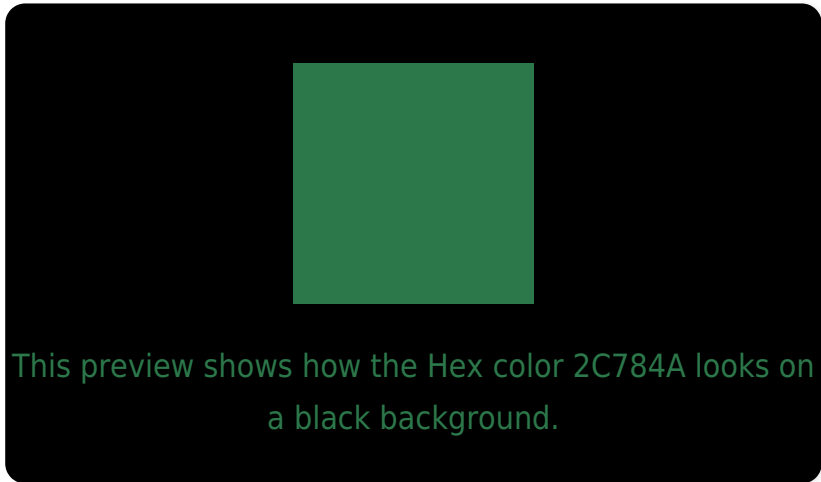
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 2C784A Background



This preview shows how black text looks on a background with the Hex color 2C784A.

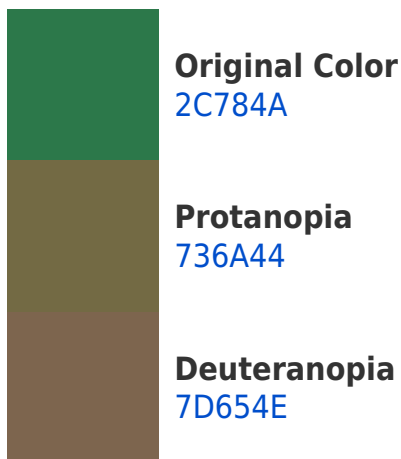


This preview shows how white text looks on a background with the Hex color 2C784A.

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





Tritanopia
3C727B

Trichromacy



Original Color
2C784A

Protanomaly
596F46

Deuteranomaly
606C4D

Tritanomaly
367469

Monochromacy



Original Color
2C784A

Achromatopsia
5C5C5C

Achromatomaly
4B6655

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C784A 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 #2C784A looks like.

```
.text, #text, p{  
    color:#2C784A  
}
```

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 #2C784A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C784A
}
```

Border

The CSS property to change the border of an element to Hex 2C784A 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".

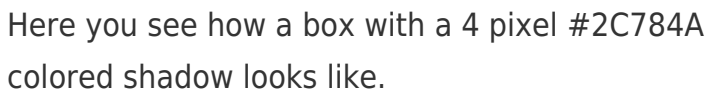
```
.border, #border, table{ border:4px solid
#2C784A }
```

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

```
.border{ border-color:#2C784A }
```

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

Here you see how a box with a 4 pixel #2C784A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C784A; -webkit-box-shadow:4px 4px  
4px 4px #2C784A; box-shadow:4px 4px 4px  
4px #2C784A }
```

Background

The CSS property to change the background color of an element to Hex 2C784A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C784A }
```

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

```
.background{ background-color:#2C784A }
```

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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