

Converting Colors

Hex(2C7C33)

Have a look what the booklet for
Hex(2C7C33) contains.

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Color

Hex(2C7C33)

Conversions

Conversions Part 1

Format	Color
Hex	2C7C33
RGB	44, 124, 51
RGB Percent	17%, 49%, 20%
CMY	0.8275, 0.5137, 0.8000
CMYK	0.65, 0.00, 0.59, 0.51
HSL	125°, 48%, 33%
HSV	125°, 65%, 49%
XYZ	8.8439, 15.1898, 5.5978
YIQ	91.7580, -24.2470, -39.6630

Conversions

Conversions Part 2

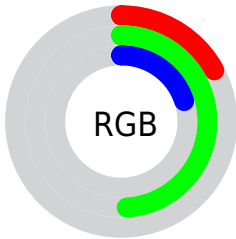
Format	Color
R_{YB}	44, 118, 124
Decimal	2915379
CIE _{Lab}	45.89, -40.21, 32.34
CIE _{LCh}	46, 51.604, 141.186
Yxy	15.1898, 0.2985, 0.5126
Android (android.graphics.Color)	4281105459 (0xFF2C7C33)
YUV	91.7580, -20.0937, -41.8838
Hunter-Lab	38.9741, -27.6999, 18.7662

Details

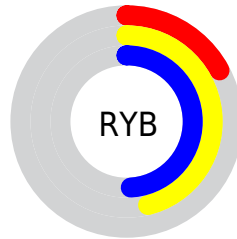
The Hex color **2C7C33** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C2C75**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **63B164**, and **004A02** is the 20% darker color. If you saturate the color by 10%, you get **207C28**, and if you desaturate by 10%, it is **387C3E**.

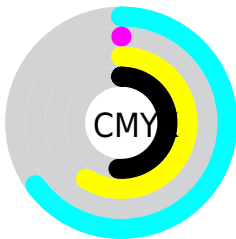
Distribution



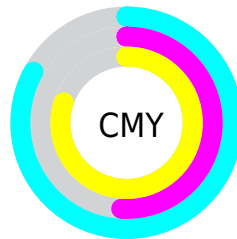
- Red (17%)
- Green (49%)
- Blue (20%)



- Red (17%)
- Yellow (46%)
- Blue (49%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7C33 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 2C7C33 by changing the saturation by 10% instead.

 2C7C33

 2C7C33

FFFFFF

 06631B

 63B164

 004A02

 7ECD7D

 003200

 9AEA98

 001D00

 B6FFB3

 000000

 D3FFCE

 F0FFEB

 2C7C33

 2C7C33

 207C28

 387C3E

■ 137C1C

■ 457C4A

■ 077C11

■ 517C55

■ 007C0B

■ 5E7C60

■ 6A7C6C

■ 767C77

■ 837C82

■ 8F7C8E

■ 9C7C99

Harmonies

Analogous

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



65740E



2C7C33



00805E

Triad

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



2C7C33



0075C2



BA4550

Complementary

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



2C7C33



7C2C75

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.



B4447B



2C7C33



5467BE

Square

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



2C7C33



007EAF



9453A3



AB542A

Rectangle

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



2C7C33



00817C



9453A3



BA425E

Sweetspot

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



2C7C33



82A185



757C2C



3F5240



D1D1D1



525252

Same Dimension

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



2C7C33



25A130



2C7C5B



373D38



007D0B



00FC16

Inverse Universe

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



7C2C75



A12596



7C2C4D



3D373D



7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 2C7C33 looks on a white background.

Color Contrast Check

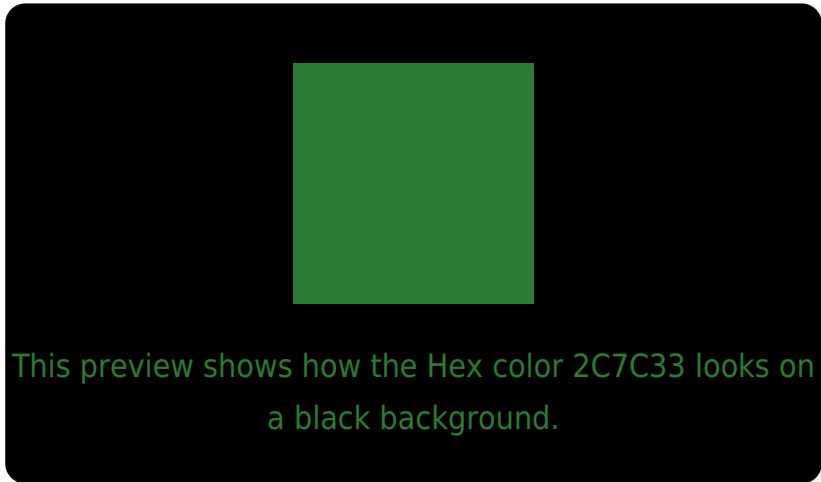
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C7C33 Background



This preview shows how black text looks on a background with the Hex color 2C7C33.



This preview shows how white text looks on a background with the Hex color 2C7C33.

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
2C7C33

Protanopia
786C2E

Deuteranopia
856739



Tritanopia
40747E

Trichromacy



Original Color
2C7C33



Protanomaly
5C7230



Deuteranomaly
656F37



Tritanomaly
397763

Monochromacy



Original Color
2C7C33



Achromatopsia
5C5C5C



Achromatomaly
4B684D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7C33 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 #2C7C33 looks like.

```
.text, #text, p{  
    color:#2C7C33  
}
```

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 #2C7C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7C33
}
```

Border

The CSS property to change the border of an element to Hex 2C7C33 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".

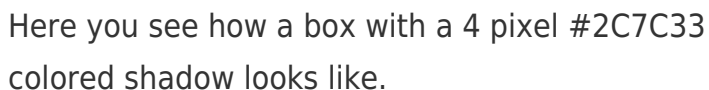
```
.border, #border, table{ border:4px solid
#2C7C33 }
```

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

```
.border{ border-color:#2C7C33 }
```

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

Here you see how a box with a 4 pixel #2C7C33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7C33; -webkit-box-shadow:4px 4px  
4px 4px #2C7C33; box-shadow:4px 4px 4px  
4px #2C7C33 }
```

Background

The CSS property to change the background color of an element to Hex 2C7C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7C33 }
```

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

```
.background{ background-color:#2C7C33 }
```

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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