

Converting Colors

Hex(2C6F2E)

Have a look what the booklet for
Hex(2C6F2E) contains.

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Color

Hex(2C6F2E)

Conversions

Conversions Part 1

Format	Color
Hex	2C6F2E
RGB	44, 111, 46
RGB Percent	17%, 44%, 18%
CMY	0.8275, 0.5647, 0.8196
CMYK	0.60, 0.00, 0.59, 0.56
HSL	122°, 43%, 30%
HSV	122°, 60%, 44%
XYZ	7.2163, 12.1016, 4.5403
YIQ	83.5570, -19.0670, -34.4190

Conversions

Conversions Part 2

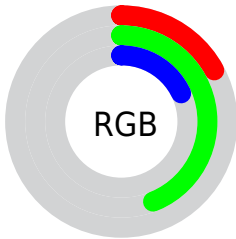
Format	Color
RYB	44, 109, 111
Decimal	2912046
CIELab	41.38, -35.60, 29.57
CIELCh	41, 46.277, 140.281
Yxy	12.1016, 0.3025, 0.5072
Android (android.graphics.Color)	4281102126 (0xFF2C6F2E)
YUV	83.5570, -18.5156, -34.6915
Hunter-Lab	34.7874, -23.8499, 16.6129

Details

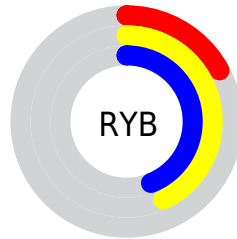
The Hex color **2C6F2E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F2C6D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **61A35E**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **216F23**, and if you desaturate by 10%, it is **376F39**.

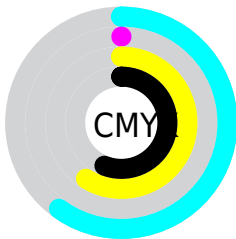
Distribution



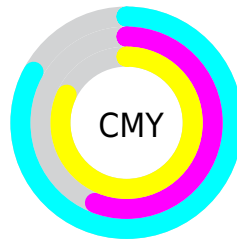
- Red (17%)
- Green (44%)
- Blue (18%)



- Red (17%)
- Yellow (43%)
- Blue (44%)



- Cyan (60%)
- Magenta (0%)
- Yellow (59%)
- Black (56%)



- Cyan (83%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6F2E 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 2C6F2E by changing the saturation by 10% instead.

 2C6F2E

 2C6F2E

FFFFFF

 0C5617

 61A35E

 003E00

 7CBF77

 002800

 97DB91

 000900

 B2F8AC

 000000

 CFFFC8

 EBF FE4

 2C6F2E

 2C6F2E

 216F23

 376F39

■ 166F18

■ 426F44

■ 0B6F0E

■ 4D6F4E

■ 006F03

■ 586F59

■ 646F64

■ 6F6F6F

■ 7A6F79

■ 856F84

■ 906F8F

Harmonies

Analogous

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



5C6710



2C6F2E



007354

Triad

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



2C6F2E



006AAD



A63F4A

Complementary

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



2C6F2E



6F2C6D

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.



A03E70



2C6F2E



4A5DA9

Square

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



2C6F2E



00719B



834C93



994C28

Rectangle

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



2C6F2E



00746E



834C93



A63D56

Sweetspot

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



2C6F2E



779178



6E6F2C



3A4A3A



C9C9C9



4A4A4A

Same Dimension

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



2C6F2E



29912C



2C6F4F



323833



007804



00F707

Inverse Universe

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



6F2C6D



91298E



6F2C4C



383238



780074



F700F0

Previews

White Background



This preview shows how the Hex color 2C6F2E looks on a white background.

Color Contrast Check

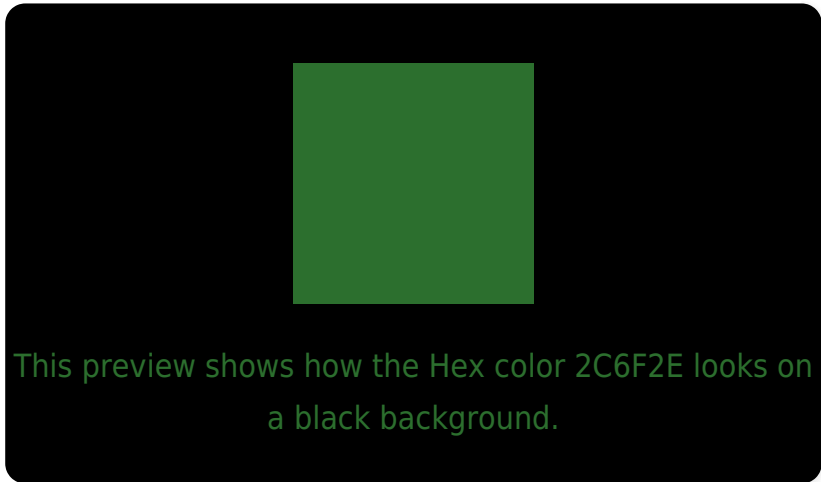
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C6F2E Background



This preview shows how black text looks on a background with the Hex color 2C6F2E.



This preview shows how white text looks on a background with the Hex color 2C6F2E.

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
2C6F2E

Protanopia
6C612A

Deuteranopia
775D33



Tritanopia
3C6871

Trichromacy



Original Color
2C6F2E

Protanomaly
55662B

Deuteranomaly
5C6431

Tritanomaly
366B59

Monochromacy



Original Color
2C6F2E

Achromatopsia
545454

Achromatomaly
455E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6F2E 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 #2C6F2E looks like.

```
.text, #text, p{  
    color:#2C6F2E  
}
```

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 #2C6F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6F2E
}
```

Border

The CSS property to change the border of an element to Hex 2C6F2E 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
#2C6F2E }
```

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

```
.border{ border-color:#2C6F2E }
```

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

Here you see how a box with a 4 pixel #2C6F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6F2E; -webkit-box-shadow:4px 4px  
4px 4px #2C6F2E; box-shadow:4px 4px 4px  
4px #2C6F2E }
```

Background

The CSS property to change the background color of an element to Hex 2C6F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6F2E }
```

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

```
.background{ background-color:#2C6F2E }
```

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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