

Converting Colors

Hex(2C7D24)

Have a look what the booklet for
Hex(2C7D24) contains.

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Color

Hex(2C7D24)

Conversions

Conversions Part 1

Format	Color
Hex	2C7D24
RGB	44, 125, 36
RGB Percent	17%, 49%, 14%
CMY	0.8275, 0.5098, 0.8588
CMYK	0.65, 0.00, 0.71, 0.51
HSL	115°, 55%, 32%
HSV	115°, 71%, 49%
XYZ	8.6908, 15.3301, 4.1700
YIQ	90.6350, -19.7070, -44.8510

Conversions

Conversions Part 2

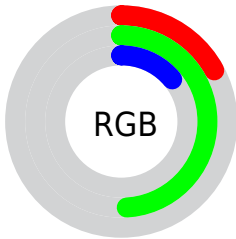
Format	Color
RYB	36, 125, 117
Decimal	2915620
CIELab	46.08, -42.34, 39.62
CIELCh	46, 57.992, 136.899
Yxy	15.3301, 0.3083, 0.5438
Android (android.graphics.Color)	4281105700 (0xFF2C7D24)
YUV	90.6350, -26.9351, -40.8989
Hunter-Lab	39.1536, -28.8980, 21.0929

Details

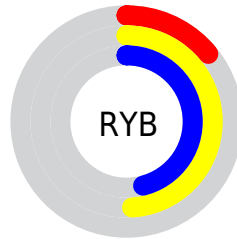
The Hex color **2C7D24** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75247D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64B356**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **217D17**, and if you desaturate by 10%, it is **377D31**.

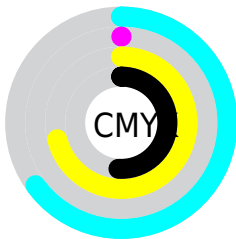
Distribution



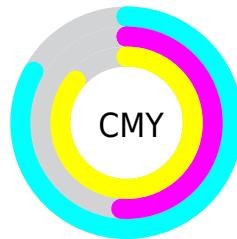
- Red (17%)
- Green (49%)
- Blue (14%)



- Red (14%)
- Yellow (49%)
- Blue (46%)



- Cyan (65%)
- Magenta (0%)
- Yellow (71%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7D24 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 2C7D24 by changing the saturation by 10% instead.

 2C7D24

 2C7D24

FFFFFF

 046307

 64B356

 004B00

 80CE6F

 003300

 9BEB8A

 001E00

 B8FFA5

 000000

 D4FFC0

 F2FFDC

 FFFFF9

 2C7D24

 2C7D24

■ 217D17

■ 377D31

■ 157D0B

■ 437D3D

■ 0B7D00

■ 4E7D4A

■ 5A7D56

■ 657D63

■ 707D6F

■ 7C7D7C

■ 877D88

■ 927D94

Harmonies

Analogous

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



6A7300



2C7D24



008255

Triad

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



2C7D24



0079CC



C33B54

Complementary

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



2C7D24



75247D

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.



B93D85



2C7D24



3869CB

Square

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



2C7D24



0081B3



9153B0



B54E27

Rectangle

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



2C7D24



008377



9153B0



C33864

Sweetspot

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



2C7D24



84A381



7D7424



3F523D



D1D1D1



525252

Same Dimension

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



2C7D24



25A318



247D48



3A4039



0B8000



000000

Inverse Universe

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



75247D



9718A3



7D2459



3F3940



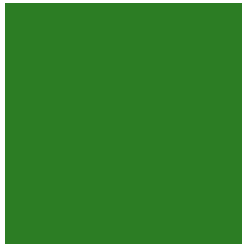
740080



000000

Previews

White Background



This preview shows how the Hex color 2C7D24 looks on a white background.

Color Contrast Check

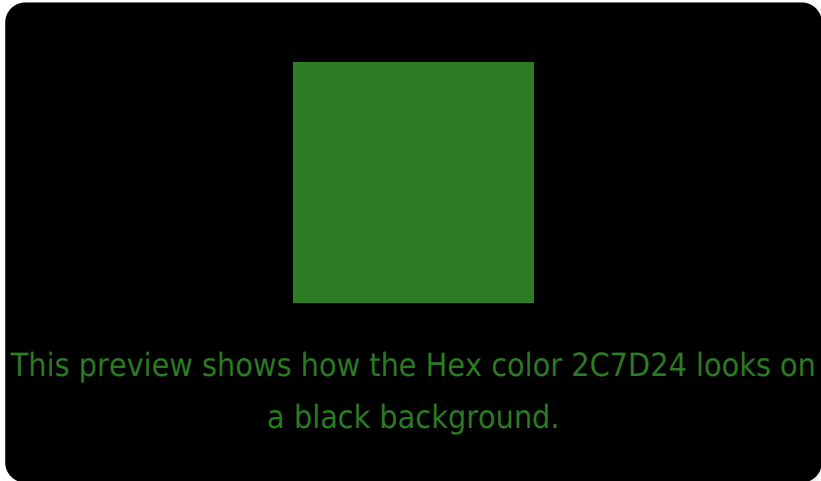
Large Text (above 18pt) WCAG AA ✓ Pass

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

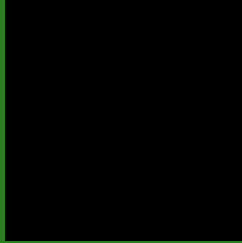
Any Text WCAG AA × Fail

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 2C7D24 Background



This preview shows how black text looks on a background with the Hex color 2C7D24.



This preview shows how white text looks on a background with the Hex color 2C7D24.

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
2C7D24

Protanopia
7A6D20

Deuteranopia
87672C



Tritanopia
41757E

Trichromacy



Original Color

2C7D24



Protanomaly

5E7321



Deuteranomaly

666F29



Tritanomaly

39785D

Monochromacy



Original Color

2C7D24



Achromatopsia

5B5B5B



Achromatomaly

4A6747

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7D24 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 #2C7D24 looks like.

```
.text, #text, p{  
    color:#2C7D24  
}
```

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 #2C7D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7D24
}
```

Border

The CSS property to change the border of an element to Hex 2C7D24 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
#2C7D24 }
```

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

```
.border{ border-color:#2C7D24 }
```

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

Here you see how a box with a 4 pixel #2C7D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7D24; -webkit-box-shadow:4px 4px  
4px 4px #2C7D24; box-shadow:4px 4px 4px  
4px #2C7D24 }
```

Background

The CSS property to change the background color of an element to Hex 2C7D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7D24 }
```

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

```
.background{ background-color:#2C7D24 }
```

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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