

Converting Colors

Hex(2C7A25)

Have a look what the booklet for
Hex(2C7A25) contains.

Hex(2C7A25)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C7A25)

Conversions

Conversions Part 1

Format	Color
Hex	2C7A25
RGB	44, 122, 37
RGB Percent	17%, 48%, 15%
CMY	0.8275, 0.5216, 0.8549
CMYK	0.64, 0.00, 0.70, 0.52
HSL	115°, 53%, 31%
HSV	115°, 70%, 48%
XYZ	8.3322, 14.5881, 4.1269
YIQ	88.9880, -19.2030, -42.9710

Conversions

Conversions Part 2

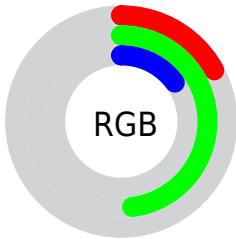
Format	Color
R_{YB}	37, 122, 115
Decimal	2914853
CIE _{Lab}	45.06, -41.10, 38.10
CIE _{LCh}	45, 56.042, 137.165
Yxy	14.5881, 0.3081, 0.5394
Android (android.graphics.Color)	4281104933 (0xFF2C7A25)
YUV	88.9880, -25.6301, -39.4545
Hunter-Lab	38.1944, -27.9001, 20.3298

Details

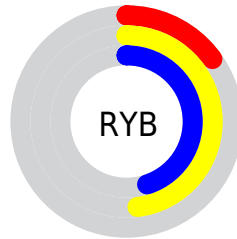
The Hex color **2C7A25** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73257A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **64AF56**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **217A19**, and if you desaturate by 10%, it is **377A31**.

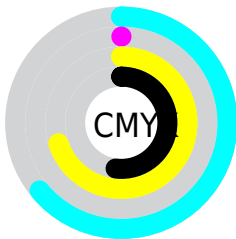
Distribution



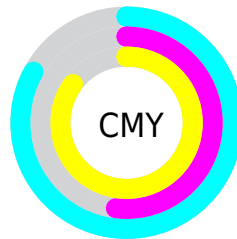
- Red (17%)
- Green (48%)
- Blue (15%)



- Red (15%)
- Yellow (48%)
- Blue (45%)



- Cyan (64%)
- Magenta (0%)
- Yellow (70%)
- Black (52%)



- Cyan (83%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7A25 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 2C7A25 by changing the saturation by 10% instead.

 2C7A25

 2C7A25

FFFFFF

 06610A

 64AF56

 004800

 7FCB70

 003100

 9AE78A

 001A00

 B7FFA5

 000000

 D3FFC0

 F0FFDD

 FFFFFA

 2C7A25

 2C7A25

■ 217A19

■ 377A31

■ 167A0D

■ 427A3D

■ 0A7A00

■ 4E7A4A

■ 597A56

■ 647A62

■ 6F7A6E

■ 7A7A7A

■ 867A87

■ 917A93

Harmonies

Analogous

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



677100



2C7A25



007F54

Triad

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



2C7A25



0076C6



BD3B52

Complementary

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



2C7A25



73257A

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.



B43D81



2C7A25



3B67C5

Square

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



2C7A25



007EAF



8E51AB



B04D27

Rectangle

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



2C7A25



008075



8E51AB



BD3961

Sweetspot

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



2C7A25



809E7D



7A7325



3D4F3B



CFCFCF



4F4F4F

Same Dimension

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



2C7A25



249E19



257A48



383D37



0A7D00



15FC00

Inverse Universe

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



73257A



93199E



7A2557



3D373D



73007D



E800FC

Previews

White Background



This preview shows how the Hex color 2C7A25 looks on a white background.

Color Contrast Check

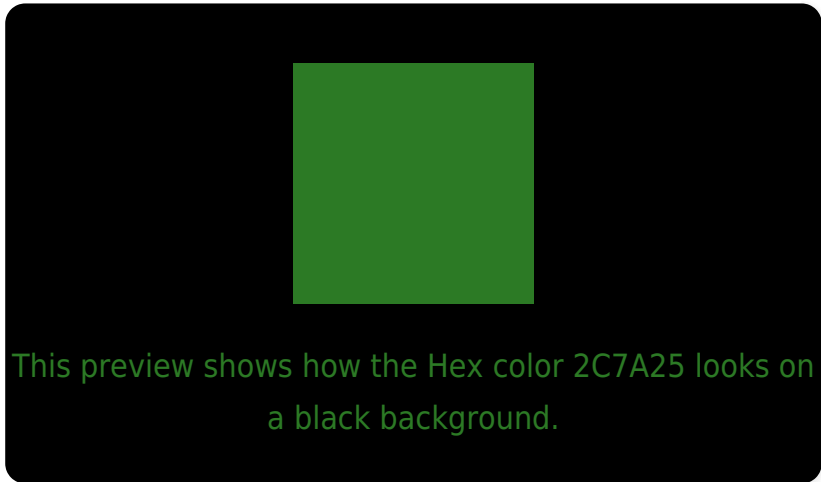
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C7A25 Background



This preview shows how black text looks on a background with the Hex color 2C7A25.



This preview shows how white text looks on a background with the Hex color 2C7A25.

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
2C7A25

Protanopia
776A21

Deuteranopia
84652C



Tritanopia
40727B

Trichromacy



Original Color
2C7A25



Protanomaly
5C7022



Deuteranomaly
646D29



Tritanomaly
39755C

Monochromacy



Original Color
2C7A25



Achromatopsia
595959



Achromatomaly
496546

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7A25 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 #2C7A25 looks like.

```
.text, #text, p{  
    color:#2C7A25  
}
```

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 #2C7A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7A25
}
```

Border

The CSS property to change the border of an element to Hex 2C7A25 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
#2C7A25 }
```

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

```
.border{ border-color:#2C7A25 }
```

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

Here you see how a box with a 4 pixel #2C7A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7A25; -webkit-box-shadow:4px 4px  
4px 4px #2C7A25; box-shadow:4px 4px 4px  
4px #2C7A25 }
```

Background

The CSS property to change the background color of an element to Hex 2C7A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7A25 }
```

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

```
.background{ background-color:#2C7A25 }
```

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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