

Converting Colors

Hex(2C7A0C)

Have a look what the booklet for
Hex(2C7A0C) contains.

Hex(2C7A0C)	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(2C7A0C)

Conversions

Conversions Part 1

Format	Color
Hex	2C7A0C
RGB	44, 122, 12
RGB Percent	17%, 48%, 5%
CMY	0.8275, 0.5216, 0.9529
CMYK	0.64, 0.00, 0.90, 0.52
HSL	103°, 82%, 26%
HSV	103°, 90%, 48%
XYZ	8.0646, 14.4811, 2.7179
YIQ	86.1380, -11.1780, -50.7460

Conversions

Conversions Part 2

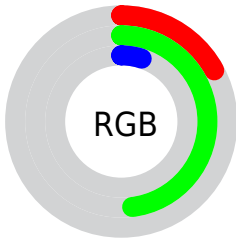
Format	Color
RYB	12, 122, 90
Decimal	2914828
CIELab	44.92, -42.85, 46.58
CIELCh	45, 63.291, 132.617
Yxy	14.4811, 0.3192, 0.5732
Android (android.graphics.Color)	4281104908 (0xFF2C7A0C)
YUV	86.1380, -36.5500, -36.9550
Hunter-Lab	38.0540, -28.7659, 22.4032

Details

The Hex color **2C7A0C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5A0C7A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **65AF44**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **237A00**, and if you desaturate by 10%, it is **357A18**.

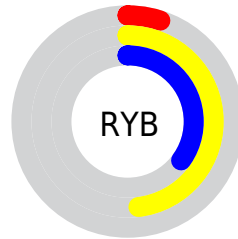
Distribution



Red (17%)

Green (48%)

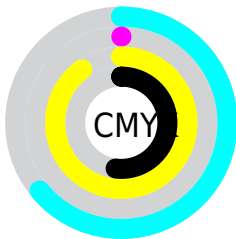
Blue (5%)



Red (5%)

Yellow (48%)

Blue (35%)

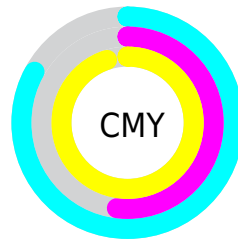


Cyan (64%)

Magenta (0%)

Yellow (90%)

Black (52%)



Cyan (83%)

Magenta (52%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7A0C 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 2C7A0C by changing the saturation by 10% instead.

 2C7A0C

 2C7A0C

FFFFFF

 036100

 65AF44

 004800

 80CB5E

 003100

 9CE778

 001A00

 B9FF93

 000000

 D5FFAE

 F3FFCA

 FFFFE7

 2C7A0C

 2C7A0C

■ 237A00

■ 357A18

■ 3D7A24

■ 467A31

■ 4F7A3D

■ 577A49

■ 607A55

■ 697A61

■ 717A6E

■ 7A7A7A

Harmonies

Analogous

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



6C6F00



2C7A0C



008049

Triad

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



2C7A0C



0079D0



C62B56

Complementary

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



2C7A0C



5A0C7A

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.



B8348B



2C7A0C



0069D2

Square

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



2C7A0C



0080B1



8751B9



BA4324

Rectangle

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



2C7A0C



00816E



8751B9



C52A68

Sweetspot

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



2C7A0C



809E73



7A590C



3D4F36



CFCFCF



4F4F4F

Same Dimension

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



2C7A0C



2E9E00



0C7A22



393D37



247D00



49FC00

Inverse Universe

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



5A0C7A



70009E



7A0C64



3B373D



59007D



B300FC

Previews

White Background



This preview shows how the Hex color 2C7A0C looks on a white background.

Color Contrast Check

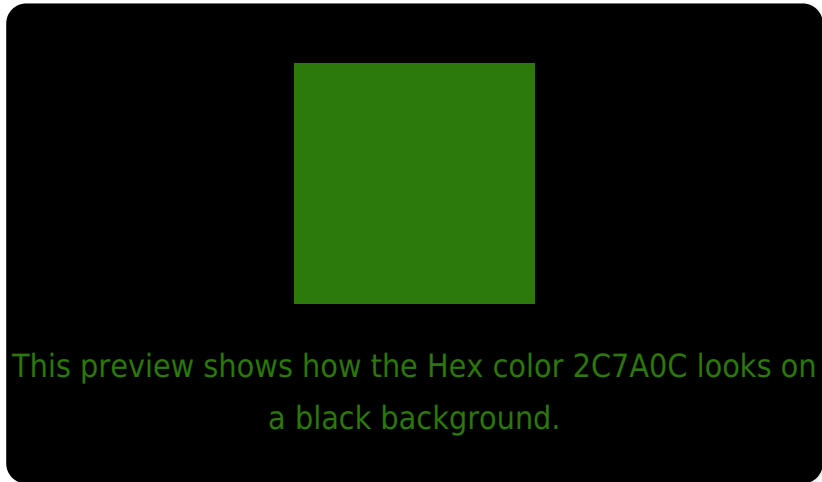
Large Text (above 18pt) WCAG AA ✓ Pass

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

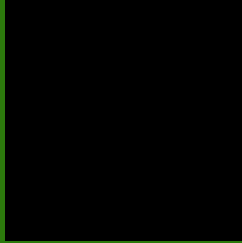
Any Text WCAG AA × Fail

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 2C7A0C Background



This preview shows how black text looks on a background with the Hex color 2C7A0C.



This preview shows how white text looks on a background with the Hex color 2C7A0C.

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
2C7A0C

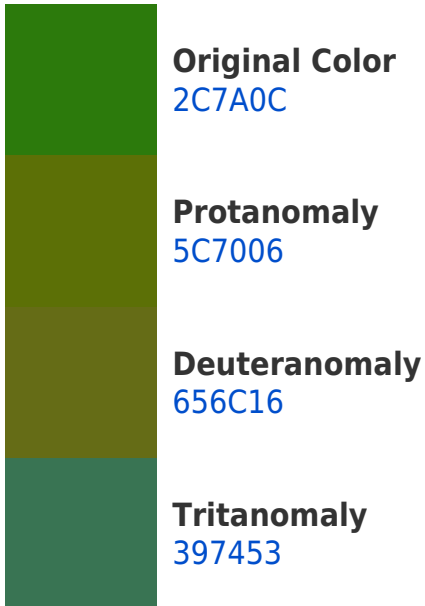
Protanopia
776A02

Deuteranopia
85641C



Tritanopia
41717B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7A0C 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 #2C7A0C looks like.

```
.text, #text, p{  
    color:#2C7A0C  
}
```

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 #2C7A0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7A0C
}
```

Border

The CSS property to change the border of an element to Hex 2C7A0C 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".

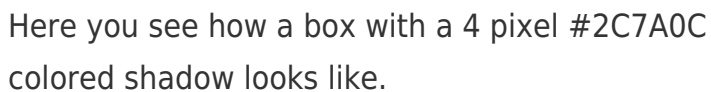
```
.border, #border, table{ border:4px solid
#2C7A0C }
```

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

```
.border{ border-color:#2C7A0C }
```

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

Here you see how a box with a 4 pixel #2C7A0C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7A0C; -webkit-box-shadow:4px 4px  
4px 4px #2C7A0C; box-shadow:4px 4px 4px  
4px #2C7A0C }
```

Background

The CSS property to change the background color of an element to Hex 2C7A0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7A0C }
```

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

```
.background{ background-color:#2C7A0C }
```

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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