

# Converting Colors

Hex(0C7B29)

Have a look what the booklet for  
Hex(0C7B29) contains.

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**Color**

**Hex(0C7B29)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 0C7B29                      |
| RGB         | 12, 123, 41                 |
| RGB Percent | 5%, 48%, 16%                |
| CMY         | 0.9529, 0.5176, 0.8392      |
| CMYK        | 0.90, 0.00, 0.67, 0.52      |
| HSL         | 136°, 82%, 26%              |
| HSV         | 136°, 90%, 48%              |
| XYZ         | 7.6348, 14.4042, 4.4757     |
| YIQ         | 80.4630, -39.8340, -49.0340 |

# Conversions

## Conversions Part 2

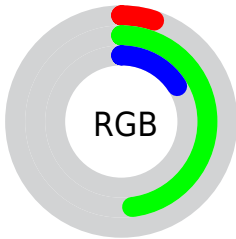
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 12, 100, 123                   |
| Decimal                             | 817961                         |
| CIELab                              | 44.81, -46.36, 35.82           |
| CIELCh                              | 45, 58.586, 142.313            |
| Yxy                                 | 14.4042, 0.2879,<br>0.5433     |
| Android<br>(android.graphics.Color) | 4279008041<br>(0xFF0C7B29)     |
| YUV                                 | 80.4630, -19.4553,<br>-60.0421 |
| Hunter-Lab                          | 37.9528, -30.5093,<br>19.5750  |

# Details

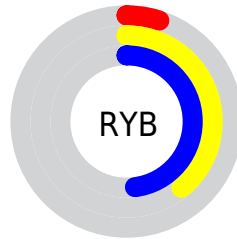
The Hex color **0C7B29** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7B0C5E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **52B15A**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **007B20**, and if you desaturate by 10%, it is **187B32**.

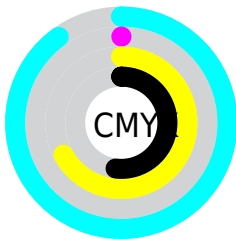
# Distribution



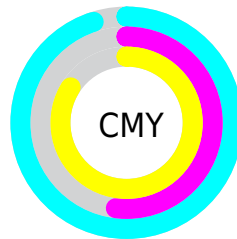
- Red (5%)
- Green (48%)
- Blue (16%)



- Red (5%)
- Yellow (39%)
- Blue (48%)



- Cyan (90%)
- Magenta (0%)
- Yellow (67%)
- Black (52%)



- Cyan (95%)
- Magenta (52%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C7B29 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 0C7B29 by changing the saturation by 10% instead.





0C7B29



0C7B29

FFFFFF



006110



52B15A



004900



6ECC73



003100



8AE98E



001900



A6FFA9



000000



C3FFC4



E0FFE0



FEFFFD



0C7B29



0C7B29

■ 007B20

■ 187B32

■ 257B3B

■ 317B44

■ 3D7B4D

■ 497B56

■ 567B60

■ 627B69

■ 6E7B72

■ 7B7B7B

# Harmonies

## Analogous

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



5D7200



0C7B29



007F5B

# Triad

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



0C7B29



0074CB



BF3948

# Complementary

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



0C7B29



7B0C5E

# 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.



BA3679



0C7B29



4C63C5

# Square

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



0C7B29



007DB7



984BA6



AD4E1A

# Rectangle

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



0C7B29



00807D



984BA6



C03458



# Sweetspot

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



0C7B29



75A181



5F7B0C



37523E



D1D1D1



525252



# Same Dimension

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



0C7B29



00A12A



0C7B5F



373D39



007D21



00FC42



# Inverse Universe

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



7B0C5E



A10077



7B0C28



3D373C



7D005C



FC00BA



# Previews

## White Background



This preview shows how the Hex color 0C7B29 looks on a white background.

## Color Contrast Check

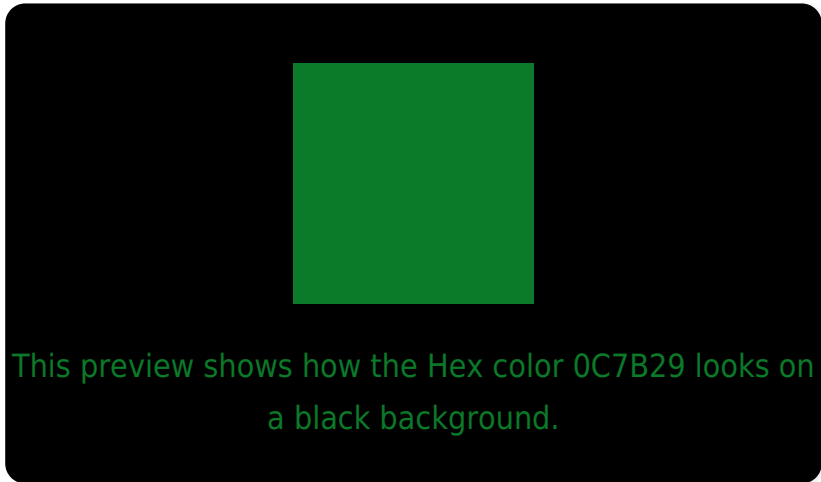
Large Text (above 18pt) WCAG AA ✓ Pass

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

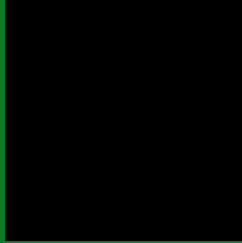
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C7B29 Background



This preview shows how black text looks on a background with the Hex color 0C7B29.



This preview shows how white text looks on a background with the Hex color 0C7B29.

# 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**  
0C7B29

**Protanopia**  
766A24

**Deuteranopia**  
826430



**Tritanopia**  
33737C

# Trichromacy



**Original Color**  
0C7B29



**Protanomaly**  
4F7026



**Deuteranomaly**  
576C2D



**Tritanomaly**  
25765E

# Monochromacy



**Original Color**  
0C7B29



**Achromatopsia**  
505050



**Achromatomaly**  
376042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C7B29 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 #0C7B29 looks like.

```
.text, #text, p{  
    color:#0C7B29  
}
```

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 #0C7B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7B29
}
```

## Border

The CSS property to change the border of an element to Hex 0C7B29 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
#0C7B29 }
```

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

```
.border{ border-color:#0C7B29 }
```

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

Here you see how a box with a 4 pixel #0C7B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7B29; -webkit-box-shadow:4px 4px  
4px 4px #0C7B29; box-shadow:4px 4px 4px  
4px #0C7B29 }
```

# Background

The CSS property to change the background color of an element to Hex 0C7B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7B29 }
```

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

```
.background{ background-color:#0C7B29 }
```

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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