

Converting Colors

Hex(7CA51B)

Have a look what the booklet for
Hex(7CA51B) contains.

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Color

Hex(7CA51B)

Conversions

Conversions Part 1

Format	Color
Hex	7CA51B
RGB	124, 165, 27
RGB Percent	49%, 65%, 11%
CMY	0.5137, 0.3529, 0.8941
CMYK	0.25, 0.00, 0.84, 0.35
HSL	78°, 72%, 38%
HSV	78°, 84%, 65%
XYZ	21.9651, 31.2745, 5.9158
YIQ	137.0090, 19.8620, -51.6100

Conversions

Conversions Part 2

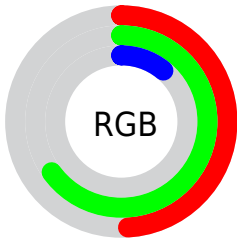
Format	Color
R_YB	27, 165, 68
Decimal	8168731
CIE _{Lab}	62.74, -32.56, 60.01
CIE _{LCh}	63, 68.270, 118.483
Yxy	31.2745, 0.3713, 0.5287
Android (android.graphics.Color)	4286358811 (0xFF7CA51B)
YUV	137.0090, -54.2344, -11.4089
Hunter-Lab	55.9236, -27.7567, 32.8746

Details

The Hex color **7CA51B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **441BA5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B4DC56**, and **457100** is the 20% darker color. If you saturate the color by 10%, you get **77A50A**, and if you desaturate by 10%, it is **81A52B**.

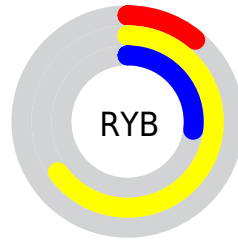
Distribution



Red (49%)

Green (65%)

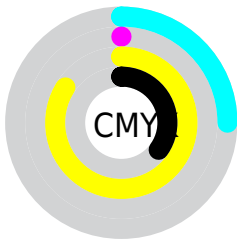
Blue (11%)



Red (11%)

Yellow (65%)

Blue (27%)

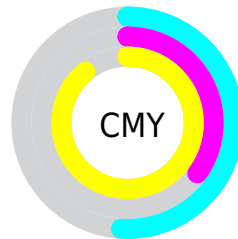


Cyan (25%)

Magenta (0%)

Yellow (84%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA51B 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 7CA51B by changing the saturation by 10% instead.

 7CA51B

 7CA51B

FFFFFF

 618B00

 B4DC56

 457100

 D1F971

 2B5800

 EEFF8C

 094000

 FFFFA8

 002A00

 FFFFC5

 001100

 FFFFE1

 000000

 7CA51B

 7CA51B

 77A50A

 81A52B

■ 74A500

■ 86A53C

■ 8BA54C

■ 90A55D

■ 95A56D

■ 99A57E

■ 9EA58E

■ A3A59F

■ A8A5AF

Harmonies

Analogous

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



B89400



7CA51B



00AF55

Triad

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



7CA51B



00AEFF



FF5A9D

Complementary

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



7CA51B



441BA5

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.



DD6DD8



7CA51B



00A0FF

Square

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



7CA51B



00B3D0



9089FF



FF6362

Rectangle

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



7CA51B



00B27D



9089FF



F95EB2

Sweetspot

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



7CA51B



C6D6A1



A5421B



626B4B



EBEBEB



6B6B6B

Same Dimension

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



7CA51B



97D600



39A51B



4F5249



669100



0D1200

Inverse Universe

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



441BA5



4000D6



871BA5



4C4952



2B0091



050012

Previews

White Background



This preview shows how the Hex color 7CA51B looks on a white background.

Color Contrast Check

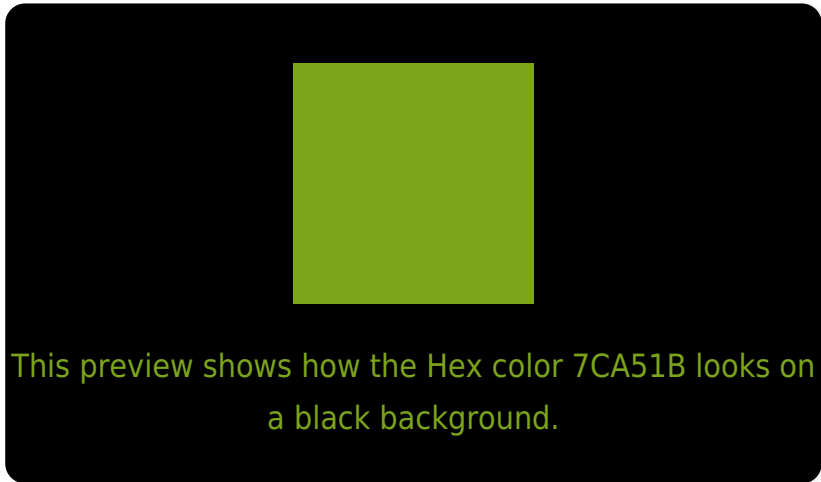
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 ✓ Pass

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

Hex 7CA51B Background



This preview shows how black text looks on a background with the Hex color 7CA51B.



This preview shows how white text looks on a background with the Hex color 7CA51B.

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
7CA51B

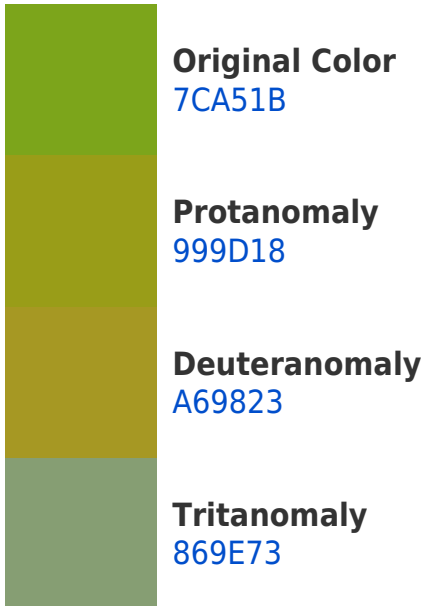
Protanopia
AA9817

Deuteranopia
BE9028

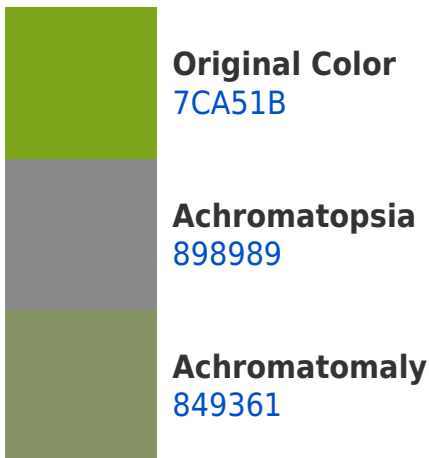


Tritanopia
8B9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA51B 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 #7CA51B looks like.

```
.text, #text, p{  
    color:#7CA51B  
}
```

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 #7CA51B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA51B
}
```

Border

The CSS property to change the border of an element to Hex 7CA51B 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
#7CA51B }
```

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

```
.border{ border-color:#7CA51B }
```

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

Here you see how a box with a 4 pixel #7CA51B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA51B; -webkit-box-shadow:4px 4px  
4px 4px #7CA51B; box-shadow:4px 4px 4px  
4px #7CA51B }
```

Background

The CSS property to change the background color of an element to Hex 7CA51B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA51B }
```

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

```
.background{ background-color:#7CA51B }
```

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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