

# Converting Colors

Hex(7CA130)

Have a look what the booklet for  
Hex(7CA130) contains.

<b>Hex(7CA130)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7CA130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA130
RGB	124, 161, 48
RGB Percent	49%, 63%, 19%
CMY	0.5137, 0.3686, 0.8118
CMYK	0.23, 0.00, 0.70, 0.37
HSL	80°, 54%, 41%
HSV	80°, 70%, 63%
XYZ	21.5905, 29.9882, 7.4467
YIQ	137.0550, 14.2210, -42.9870

# Conversions

## Conversions Part 2

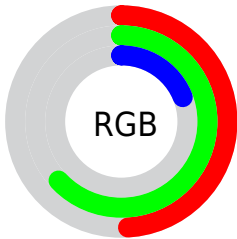
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 161, 85
Decimal	8167728
CIELab	61.64, -29.59, 52.08
CIELCh	62, 59.901, 119.607
Yxy	29.9882, 0.3658, 0.5081
Android (android.graphics.Color)	4286357808 (0xFF7CA130)
YUV	137.0550, -43.9041, -11.4492
Hunter-Lab	54.7615, -25.4563, 30.2706

# Details

The Hex color **7CA130** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5530A1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B3D865**, and **476D00** is the 20% darker color. If you saturate the color by 10%, you get **77A120**, and if you desaturate by 10%, it is **81A140**.

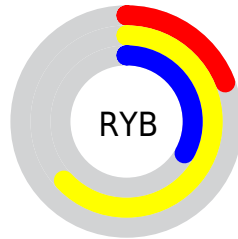
# Distribution



Red (49%)

Green (63%)

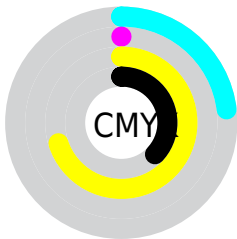
Blue (19%)



Red (19%)

Yellow (63%)

Blue (33%)

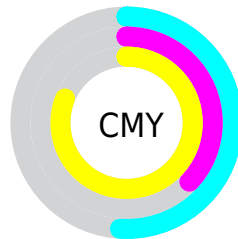


Cyan (23%)

Magenta (0%)

Yellow (70%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA130 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 7CA130 by changing the saturation by 10% instead.





7CA130



7CA130

FFFFFF



618712



B3D865



476D00



D0F480



2D5500



EDFF9B



103D00



FFFFB6



002700



FFFFD3



000B00



FFFFF0



000000



7CA130



7CA130



77A120



81A140

 71A110

 87A150

 6CA100

 8CA160

 91A170

 96A181

 9CA191

 A1A1A1

 A6A1B1

 ABA1C1

# Harmonies

## Analogous

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



B1921E



7CA130



29AA5C

# Triad

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



7CA130



00A8F0



F26398

# Complementary

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



7CA130



5530A1

# 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.



D470CB



7CA130



009BFF

# Square

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



7CA130



00AEC8



9387F2



F26A64

# Rectangle

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



7CA130



00AD80



9387F2



EC65AA



# Sweetspot

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



7CA130



C3D1A5



A15430



60694E



E8E8E8



696969



# Same Dimension

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



7CA130



98D121



45A130



4F5249



629100



0C1200



# Inverse Universe

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



5530A1



5B21D1



8C30A1



4C4952



300091



060012



# Previews

## White Background



This preview shows how the Hex color 7CA130 looks on a white background.

## Color Contrast Check

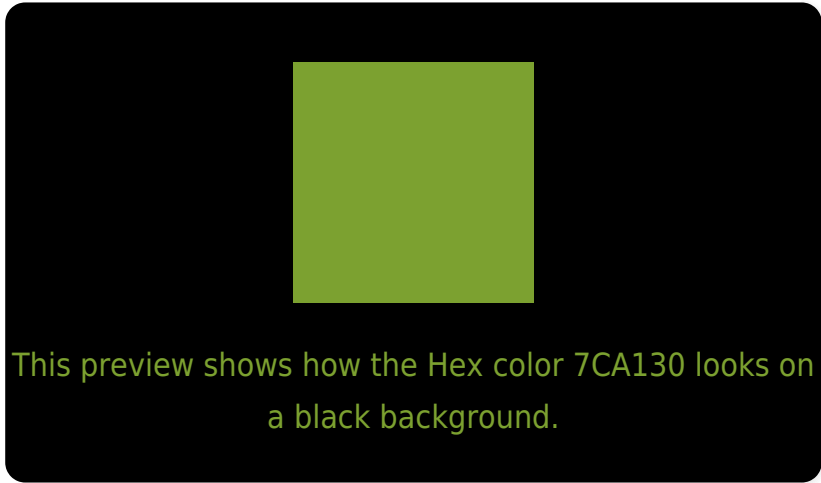
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 7CA130 Background



This preview shows how black text looks on a background with the Hex color 7CA130.



This preview shows how white text looks on a background with the Hex color 7CA130.

# 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**  
7CA130

**Protanopia**  
A6952D

**Deuteranopia**  
B98D37



**Tritanopia**  
8996A2

# Trichromacy



**Original Color**  
7CA130

**Protanomaly**  
97992E

**Deuteranomaly**  
A39434

**Tritanomaly**  
849A79

# Monochromacy



**Original Color**  
7CA130

**Achromatopsia**  
898989

**Achromatomaly**  
849269

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA130 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 #7CA130 looks like.

```
.text, #text, p{  
    color:#7CA130  
}
```

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 #7CA130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA130
}
```

## Border

The CSS property to change the border of an element to Hex 7CA130 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
#7CA130 }
```

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

```
.border{ border-color:#7CA130 }
```

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

Here you see how a box with a 4 pixel #7CA130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA130; -webkit-box-shadow:4px 4px  
4px 4px #7CA130; box-shadow:4px 4px 4px  
4px #7CA130 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA130 }
```

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

```
.background{ background-color:#7CA130 }
```

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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