

Converting Colors

Hex(7AD41C)

Have a look what the booklet for
Hex(7AD41C) contains.

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Color

Hex(7AD41C)

Conversions

Conversions Part 1

Format	Color
Hex	7AD41C
RGB	122, 212, 28
RGB Percent	48%, 83%, 11%
CMY	0.5216, 0.1686, 0.8902
CMYK	0.42, 0.00, 0.87, 0.17
HSL	89°, 77%, 47%
HSV	89°, 87%, 83%
XYZ	31.7791, 51.3084, 9.3272
YIQ	164.1140, 5.4240, -76.3040

Conversions

Conversions Part 2

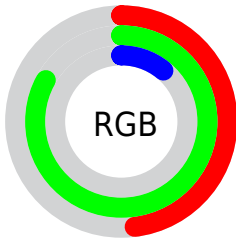
Format	Color
RYB	28, 212, 118
Decimal	8049692
CIELab	76.87, -53.25, 71.95
CIELCh	77, 89.510, 126.505
Yxy	51.3084, 0.3439, 0.5552
Android (android.graphics.Color)	4286239772 (0xFF7AD41C)
YUV	164.1140, -67.1042, -36.9340
Hunter-Lab	71.6299, -46.1594, 42.4205

Details

The Hex color **7AD41C** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **761CD4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B5FF5E**, and **3C9D00** is the 20% darker color. If you saturate the color by 10%, you get **70D407**, and if you desaturate by 10%, it is **84D431**.

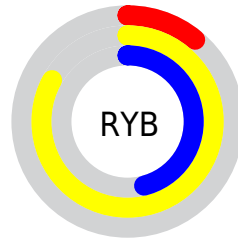
Distribution



Red (48%)

Green (83%)

Blue (11%)



Red (11%)

Yellow (83%)

Blue (46%)

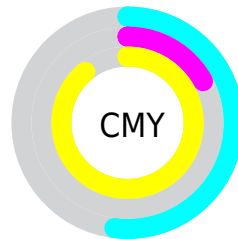


Cyan (42%)

Magenta (0%)

Yellow (87%)

Black (17%)



Cyan (52%)

Magenta (17%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AD41C 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 7AD41C by changing the saturation by 10% instead.

 7AD41C

 7AD41C

FFFFFF

 5CB800

 B5FF5E

 3C9D00

 D3FF7B

 138200

 F1FF97

 006800

 FFFFB4

 004F00

 FFFFD1

 003700

 FFFFEF

 002000

 000000

 7AD41C

 7AD41C

 70D407

 84D431

 6CD400

 8FD446

 99D45C

 A3D471

 AED486

 B8D49B

 C3D4B0

 CDD4C6

 D7D4DB

Harmonies

Analogous

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



D3C000



7AD41C



00DF77

Triad

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



7AD41C



00D8FF



FF61AF

Complementary

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



7AD41C



761CD4

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.



FF75FF



7AD41C



00C2FF

Square

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



7AD41C



00E1FF



D59FFF



FF7A5F

Rectangle

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



7AD41C



00E2B1



D59FFF



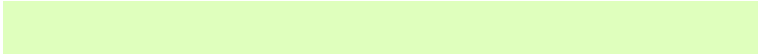
FF62CB

Sweetspot

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



7AD41C



DFFFBD



D4751C



6C8058



000000



808080

Same Dimension

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



7AD41C



82FF00



1FD41C



666B60



57AB00



162B00

Inverse Universe

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



761CD4



7D00FF



D11CD4



66606B



5400AB



15002B

Previews

White Background



This preview shows how the Hex color 7AD41C looks on a white background.

Color Contrast Check

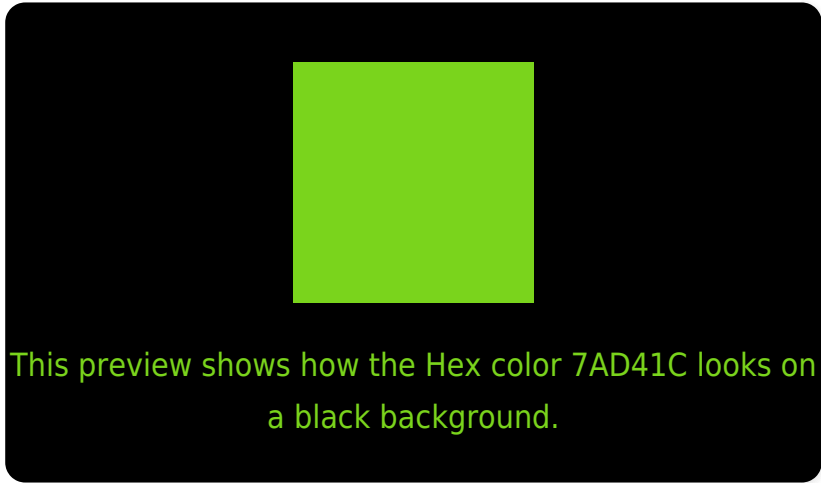
Large Text (above 18pt) WCAG AA × Fail

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 7AD41C Background



This preview shows how black text looks on a background with the Hex color 7AD41C.



This preview shows how white text looks on a background with the Hex color 7AD41C.

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
7AD41C

Protanopia
D5BD14

Deuteranopia
EDB332



Tritanopia
93C5D5

Trichromacy



Original Color
7AD41C



Protanomaly
B4C517



Deuteranomaly
C3BF2A



Tritanomaly
8ACA92

Monochromacy



Original Color
7AD41C



Achromatopsia
A4A4A4



Achromatomaly
95B573

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AD41C 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 #7AD41C looks like.

```
.text, #text, p{  
    color:#7AD41C  
}
```

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 #7AD41C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD41C
}
```

Border

The CSS property to change the border of an element to Hex 7AD41C 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
#7AD41C }
```

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

```
.border{ border-color:#7AD41C }
```

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

Here you see how a box with a 4 pixel #7AD41C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD41C; -webkit-box-shadow:4px 4px  
4px 4px #7AD41C; box-shadow:4px 4px 4px  
4px #7AD41C }
```

Background

The CSS property to change the background color of an element to Hex 7AD41C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD41C }
```

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

```
.background{ background-color:#7AD41C }
```

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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