

Converting Colors

Hex(7FD21C)

Have a look what the booklet for
Hex(7FD21C) contains.

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Color

Hex(7FD21C)

Conversions

Conversions Part 1

Format	Color
Hex	7FD21C
RGB	127, 210, 28
RGB Percent	50%, 82%, 11%
CMY	0.5020, 0.1765, 0.8902
CMYK	0.40, 0.00, 0.87, 0.18
HSL	87°, 76%, 47%
HSV	87°, 87%, 82%
XYZ	32.0086, 50.6891, 9.1955
YIQ	164.4350, 8.9540, -74.1980

Conversions

Conversions Part 2

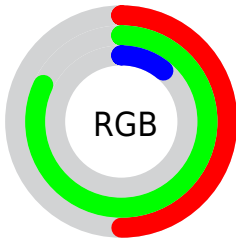
Format	Color
RYB	28, 210, 111
Decimal	8376860
CIELab	76.49, -50.80, 71.72
CIELCh	76, 87.886, 125.310
Yxy	50.6891, 0.3483, 0.5516
Android (android.graphics.Color)	4286566940 (0xFF7FD21C)
YUV	164.4350, -67.2625, -32.8305
Hunter-Lab	71.1962, -44.3429, 42.1796

Details

The Hex color **7FD21C** 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 **6F1CD2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BAFF5E**, and **439B00** is the 20% darker color. If you saturate the color by 10%, you get **75D207**, and if you desaturate by 10%, it is **89D231**.

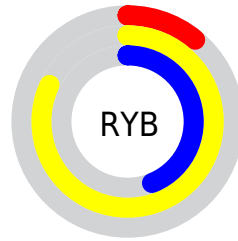
Distribution



Red (50%)

Green (82%)

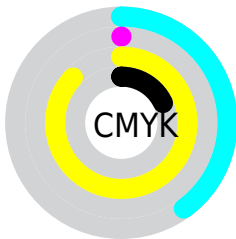
Blue (11%)



Red (11%)

Yellow (82%)

Blue (44%)

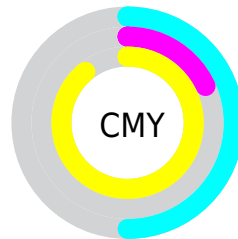


Cyan (40%)

Magenta (0%)

Yellow (87%)

Black (18%)



Cyan (50%)

Magenta (18%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD21C 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 7FD21C by changing the saturation by 10% instead.

 7FD21C

 7FD21C

FFFFFF

 62B600

 BAFF5E

 439B00

 D8FF7A

 1F8000

 F6FF97

 006600

 FFFFB4

 004D00

 FFFFD1

 003600

 FFFFEE

 001F00

 000000

 7FD21C

 7FD21C

 75D207

 89D231

 72D200

 92D246

 9CD25B

 A5D270

 AFD285

 B8D29A

 C2D2AF

 CCD2C4

 D5D2D9

Harmonies

Analogous

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



D5BE00



7FD21C



00DD75

Triad

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



7FD21C



00D7FF



FF63B2

Complementary

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



7FD21C



6F1CD2

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.



FF78FF



7FD21C



00C2FF

Square

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



7FD21C



00E0FF



CEA0FF



FF7963

Rectangle

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



7FD21C



00E0AD



CEA0FF



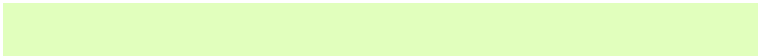
FF65CD

Sweetspot

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



7FD21C



E1FFBD



D26E1C



6D8058



000000



808080

Same Dimension

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



7FD21C



8BFF00



25D21C



64695E



5CA800



162900

Inverse Universe

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



6F1CD2



7400FF



C91CD2



635E69



4D00A8



130029

Previews

White Background



This preview shows how the Hex color 7FD21C looks on a white background.

Color Contrast Check

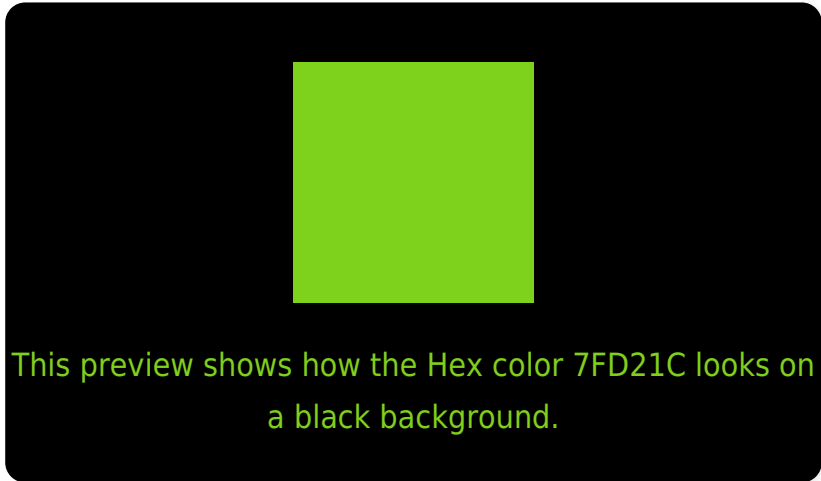
Large Text (above 18pt) WCAG AA × Fail

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 7FD21C Background



This preview shows how black text looks on a background with the Hex color 7FD21C.

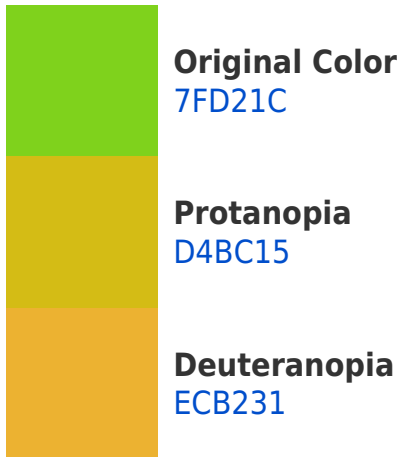


This preview shows how white text looks on a background with the Hex color 7FD21C.

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](#).

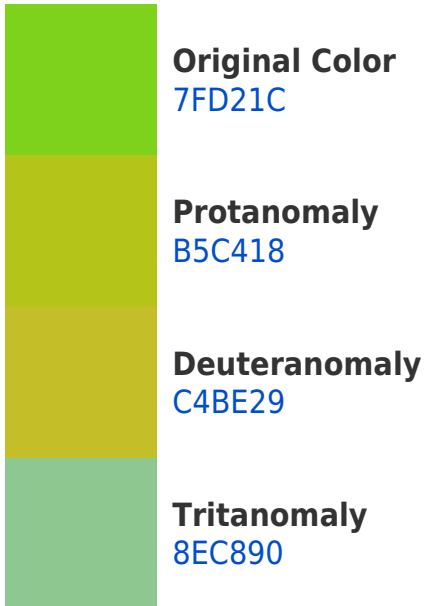
Dichromacy



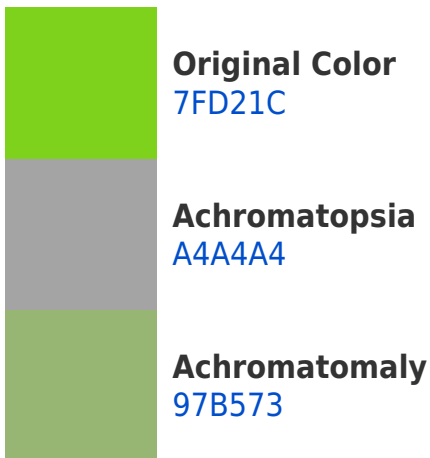


Tritanopia
96C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD21C 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 #7FD21C looks like.

```
.text, #text, p{  
    color:#7FD21C  
}
```

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 #7FD21C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD21C
}
```

Border

The CSS property to change the border of an element to Hex 7FD21C 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
#7FD21C }
```

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

```
.border{ border-color:#7FD21C }
```

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

Here you see how a box with a 4 pixel #7FD21C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD21C; -webkit-box-shadow:4px 4px  
4px 4px #7FD21C; box-shadow:4px 4px 4px  
4px #7FD21C }
```

Background

The CSS property to change the background color of an element to Hex 7FD21C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD21C }
```

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

```
.background{ background-color:#7FD21C }
```

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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