

Converting Colors

Hex(7FF21A)

Have a look what the booklet for
Hex(7FF21A) contains.

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Color

Hex(7FF21A)

Conversions

Conversions Part 1

Format	Color
Hex	7FF21A
RGB	127, 242, 26
RGB Percent	50%, 95%, 10%
CMY	0.5020, 0.0510, 0.8980
CMYK	0.48, 0.00, 0.89, 0.05
HSL	92°, 89%, 53%
HSV	92°, 89%, 95%
XYZ	40.6910, 68.0909, 11.9755
YIQ	182.9910, 0.7960, -91.5560

Conversions

Conversions Part 2

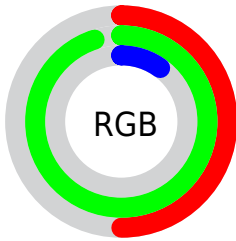
Format	Color
R_{YB}	26, 242, 141
Decimal	8385050
CIE _{Lab}	86.05, -63.04, 80.13
CIE _{LCh}	86, 101.953, 128.193
Yxy	68.0909, 0.3370, 0.5639
Android (android.graphics.Color)	4286575130 (0xFF7FF21A)
YUV	182.9910, -77.3966, -49.1041
Hunter-Lab	82.5172, -56.3829, 49.1574

Details

The Hex color **7FF21A** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **8D1AF2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BCFF62**, and **3CB900** is the 20% darker color. If you saturate the color by 10%, you get **72F202**, and if you desaturate by 10%, it is **8CF232**.

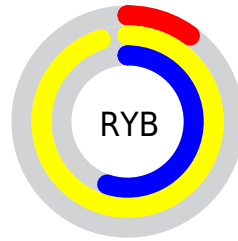
Distribution



Red (50%)

Green (95%)

Blue (10%)



Red (10%)

Yellow (95%)

Blue (55%)

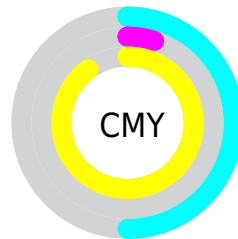


Cyan (48%)

Magenta (0%)

Yellow (89%)

Black (5%)



Cyan (50%)

Magenta (5%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FF21A 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 7FF21A by changing the saturation by 10% instead.

 7FF21A

 7FF21A

FFFFFF

 5FD500

 BCFF62

 3CB900

 DBFF80

 009D00

 FAFF9D

 008200

 FFFFBB

 006800

 FFFFD9

 004F00

 FFFFF7

 003700

 001D00

 000000

 7FF21A

 7FF21A

 72F202

 8CF232

 71F200

 99F24A

 A6F263

 B3F27B

 BFF293

 CCF2AB

 D9F2C3

 E6F2DC

 F3F2F4

Harmonies

Analogous

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



EADC00



7FF21A



00FE8B

Triad

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



7FF21A



00F5FF



FF67C1

Complementary

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



7FF21A



8D1AF2

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.



FF7EFF



7FF21A



00DBFF

Square

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



7FF21A



00FFFF



F9B0FF



FF8964

Rectangle

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



7FF21A



00FFCE



F9B0FF



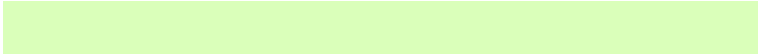
FF68E1

Sweetspot

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



7FF21A



DAFFBA



F28A1A



6A8057



000000



808080

Same Dimension

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



7FF21A



77FF00



1AF21E



71786C



56B800



1A3800

Inverse Universe

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



8D1AF2



8800FF



F21AEE



726C78



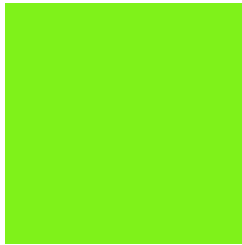
6200B8



1E0038

Previews

White Background



This preview shows how the Hex color 7FF21A 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 7FF21A Background



This preview shows how black text looks on a background with the Hex color 7FF21A.

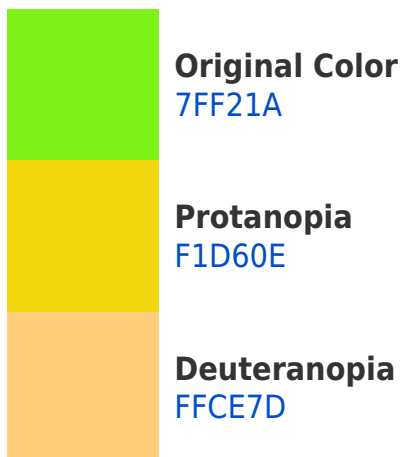


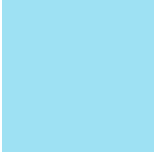
This preview shows how white text looks on a background with the Hex color 7FF21A.

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](#).

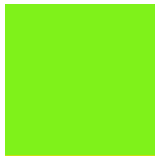
Dichromacy





Tritanopia
9EE1F3

Trichromacy



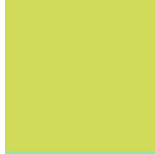
Original Color

7FF21A



Protanomaly

C8E012



Deuteranomaly

D0DB59



Tritanomaly

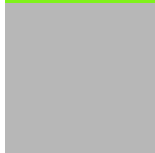
93E7A4

Monochromacy



Original Color

7FF21A



Achromatopsia

B7B7B7



Achromatomaly

A3CC7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FF21A 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 #7FF21A looks like.

```
.text, #text, p{  
    color:#7FF21A  
}
```

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 #7FF21A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FF21A
}
```

Border

The CSS property to change the border of an element to Hex 7FF21A 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
#7FF21A }
```

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

```
.border{ border-color:#7FF21A }
```

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

Here you see how a box with a 4 pixel #7FF21A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FF21A; -webkit-box-shadow:4px 4px  
4px 4px #7FF21A; box-shadow:4px 4px 4px  
4px #7FF21A }
```

Background

The CSS property to change the background color of an element to Hex 7FF21A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FF21A }
```

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

```
.background{ background-color:#7FF21A }
```

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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