

Converting Colors

Hex(75F0A2)

Have a look what the booklet for
Hex(75F0A2) contains.

Hex(75F0A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75F0A2)

Conversions

Conversions Part 1

Format	Color
Hex	75F0A2
RGB	117, 240, 162
RGB Percent	46%, 94%, 64%
CMY	0.5412, 0.0588, 0.3647
CMYK	0.51, 0.00, 0.33, 0.06
HSL	142°, 80%, 70%
HSV	142°, 51%, 94%
XYZ	45.0178, 68.7107, 45.0722
YIQ	194.3310, -48.2700, -50.3340

Conversions

Conversions Part 2

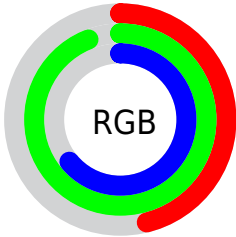
Format	Color
RYB	117, 207, 240
Decimal	7729314
CIELab	86.36, -51.46, 27.43
CIELCh	86, 58.314, 151.942
Yxy	68.7107, 0.2835, 0.4327
Android (android.graphics.Color)	4285919394 (0xFF75F0A2)
YUV	194.3310, -15.9392, -67.8193
Hunter-Lab	82.8919, -48.1193, 25.7856

Details

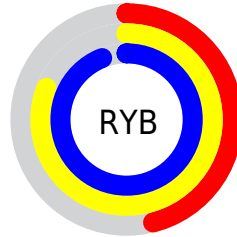
The Hex color **75F0A2** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F075C3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B0FFD9**, and **36B76E** is the 20% darker color. If you saturate the color by 10%, you get **5DF093**, and if you desaturate by 10%, it is **8DF0B1**.

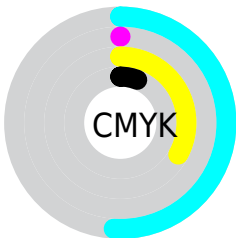
Distribution



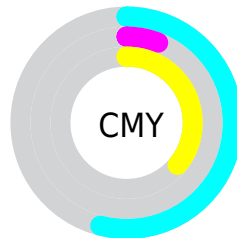
- Red (46%)
- Green (94%)
- Blue (64%)



- Red (46%)
- Yellow (81%)
- Blue (94%)



- Cyan (51%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (54%)
- Magenta (6%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75F0A2 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 75F0A2 by changing the saturation by 10% instead.

 75F0A2

 75F0A2


FFFFFF

 57D387

 B0FFD9

 36B76E

 CDFFF6

 009C55

 EBFFFF

 00813D

 006726

 004E0F

 003500

 001E00

 000000

 75F0A2

 75F0A2

 5DF093

 8DF0B1

 45F084

 A5F0C0

 2DF074

 BDF0D0

 15F065

 D5F0DF

 00F058

 EDF0EE

 FFF0FD

 FFF0FF

Harmonies

Analogous

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



BDE677



75F0A2



00F4DA

Triad

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



75F0A2



7FDDFF



FFB0A1

Complementary

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



75F0A2



F075C3

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.



FFAAD7



75F0A2



E1C8FF

Square

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



75F0A2



00EBFF



FFB4FF



FFC277

Rectangle

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



75F0A2



00F4FF



FFB4FF



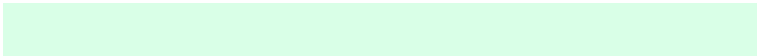
FFACB2

Sweetspot

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



75F0A2



D9FFE7



C5F075



698071



000000



808080

Same Dimension

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



75F0A2



61FF9B



75F0DE



6C7870



00B843



003815

Inverse Universe

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



F075C3



FF61C5



F07587



786C73



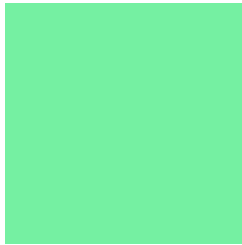
B80074



380024

Previews

White Background



This preview shows how the Hex color 75F0A2 looks on a white background.

Color Contrast Check

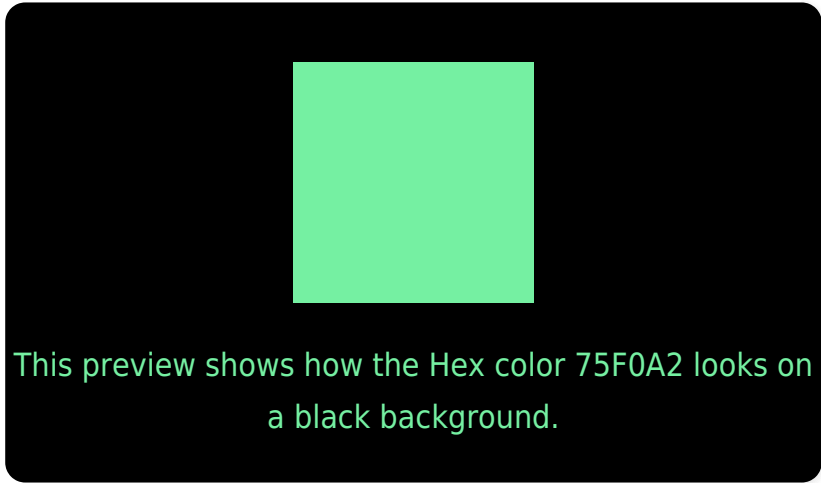
Large Text (above 18pt) WCAG AA × Fail

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

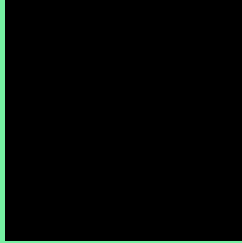
Any Text WCAG AA ✓ Pass

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 75F0A2 Background



This preview shows how black text looks on a background with the Hex color 75F0A2.

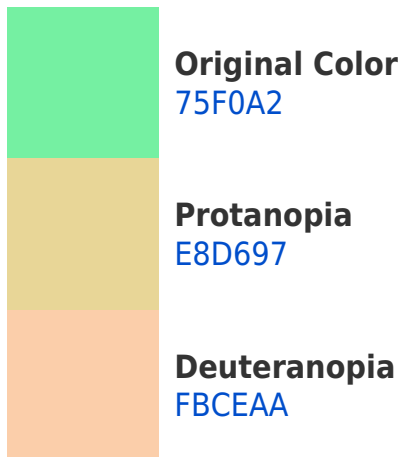


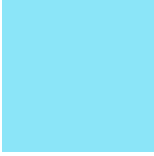
This preview shows how white text looks on a background with the Hex color 75F0A2.

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
8BE5F8

Trichromacy



Original Color
75F0A2



Protanomaly
BEDF9B



Deuteranomaly
CADAA7



Tritanomaly
83E9D9

Monochromacy



Original Color
75F0A2



Achromatopsia
C2C2C2



Achromatomaly
A6D3B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 75F0A2 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 #75F0A2 looks like.

```
.text, #text, p{  
    color:#75F0A2  
}
```

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 #75F0A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F0A2
}
```

Border

The CSS property to change the border of an element to Hex 75F0A2 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
#75F0A2 }
```

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

```
.border{ border-color:#75F0A2 }
```

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

Here you see how a box with a 4 pixel #75F0A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F0A2; -webkit-box-shadow:4px 4px  
4px 4px #75F0A2; box-shadow:4px 4px 4px  
4px #75F0A2 }
```

Background

The CSS property to change the background color of an element to Hex 75F0A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F0A2 }
```

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

```
.background{ background-color:#75F0A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor