

# Converting Colors

Hex(41F1A2)

Have a look what the booklet for  
Hex(41F1A2) contains.

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# Color

Hex(41F1A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	41F1A2
RGB	65, 241, 162
RGB Percent	25%, 95%, 64%
CMY	0.7451, 0.0549, 0.3647
CMYK	0.73, 0.00, 0.33, 0.05
HSL	153°, 86%, 60%
HSV	153°, 73%, 95%
XYZ	40.1569, 66.6430, 44.9293
YIQ	179.3700, -79.5370, -61.8810

# Conversions

## Conversions Part 2

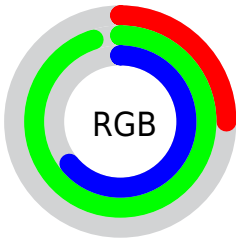
Format	Color
<a href="#">RYB</a>	<a href="#">65, 178, 241</a>
Decimal	<a href="#">4321698</a>
CIELab	<a href="#">85.32, -61.56, 25.80</a>
CIELCh	<a href="#">85, 66.743, 157.261</a>
Yxy	<a href="#">66.6430, 0.2647, 0.4392</a>
Android (android.graphics.Color)	<a href="#">4282511778 (0xFF41F1A2)</a>
YUV	<a href="#">179.3700, -8.5634, -100.3025</a>
Hunter-Lab	<a href="#">81.6352, -55.0563, 24.5134</a>

# Details

The Hex color **41F1A2** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F14190**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **87FFD9**, and **00B86E** is the 20% darker color. If you saturate the color by 10%, you get **29F197**, and if you desaturate by 10%, it is **59F1AD**.

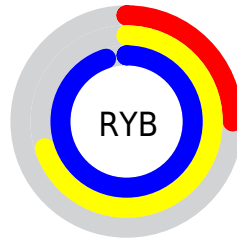
# Distribution



Red (25%)

Green (95%)

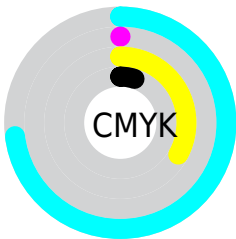
Blue (64%)



Red (25%)

Yellow (70%)

Blue (95%)

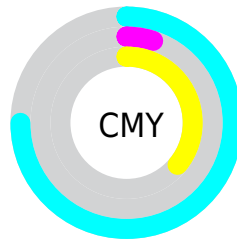


Cyan (73%)

Magenta (0%)

Yellow (33%)

Black (5%)



Cyan (75%)

Magenta (5%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41F1A2 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 41F1A2 by changing the saturation by 10% instead.



 41F1A2

 41F1A2


FFFFFF

 00D488

 87FFD9

 00B86E

 A7FFF6

 009C55

 C6FFFF

 00813D

 E5FFFF

 006626

 004D0F

 003500

 001B00

 000000

 41F1A2

 41F1A2


 29F197

 59F1AD

 11F18C

 71F1B8

 00F185

 89F1C2

 A1F1CD

 BAF1D8

 D2F1E3

 EAF1EE

 FFF1F9

 FFF1FF

# Harmonies

## Analogous

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



A7E76C



41F1A2



00F5E3

# Triad

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



41F1A2



7CD7FF



FFA98C

# Complementary

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



41F1A2



F14190

# 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.



FF9DC8



41F1A2



EDBEFF

# Square

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



41F1A2



00E9FF



FFA7FF



FFC05F

# Rectangle

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



41F1A2



00F4FF



FFA7FF



FFA39F

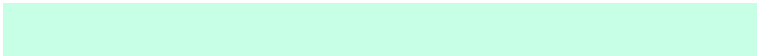


# Sweetspot

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



41F1A2



C7FFE6



90F141



5E8071



000000



808080



# Same Dimension

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



41F1A2



1FFF9A



41E8F1



6C7872



00B865



00381F



# Inverse Universe

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



F14190



FF1F83



F14A41



786C71



B80052

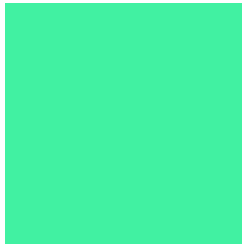


380019



# Previews

## White Background



This preview shows how the Hex color 41F1A2 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



This preview shows how the Hex color 41F1A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

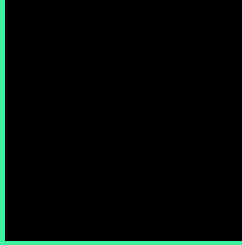
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41F1A2 Background



This preview shows how black text looks on a background with the Hex color 41F1A2.

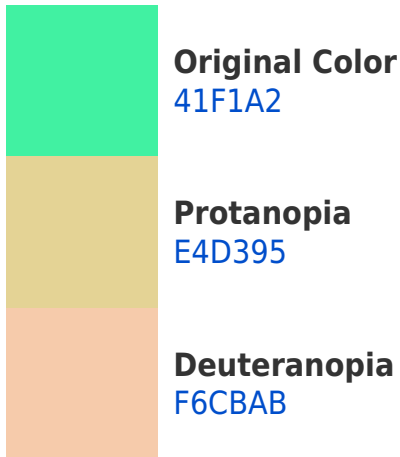


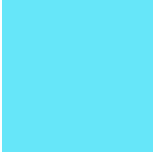
This preview shows how white text looks on a background with the Hex color 41F1A2.

# 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**  
66E6F9

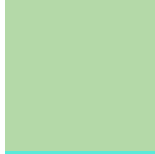
# Trichromacy



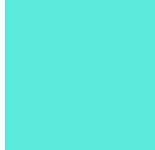
**Original Color**  
41F1A2



**Protanomaly**  
A9DE9A



**Deuteranomaly**  
B4D9A8



**Tritanomaly**  
59EAD9

# Monochromacy



**Original Color**  
41F1A2



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
8ACAAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41F1A2 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 #41F1A2 looks like.

```
.text, #text, p{  
    color:#41F1A2  
}
```

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 #41F1A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41F1A2
}
```

## Border

The CSS property to change the border of an element to Hex 41F1A2 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
#41F1A2 }
```

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

```
.border{ border-color:#41F1A2 }
```

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

Here you see how a box with a 4 pixel #41F1A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41F1A2; -webkit-box-shadow:4px 4px  
4px 4px #41F1A2; box-shadow:4px 4px 4px  
4px #41F1A2 }
```

# Background

The CSS property to change the background color of an element to Hex 41F1A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41F1A2 }
```

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

```
.background{ background-color:#41F1A2 }
```

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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