

Converting Colors

Hex(44F2A4)

Have a look what the booklet for
Hex(44F2A4) contains.

Hex(44F2A4)	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(44F2A4)

Conversions

Conversions Part 1

Format	Color
Hex	44F2A4
RGB	68, 242, 164
RGB Percent	27%, 95%, 64%
CMY	0.7333, 0.0510, 0.3569
CMYK	0.72, 0.00, 0.32, 0.05
HSL	153°, 87%, 61%
HSV	153°, 72%, 95%
XYZ	40.8369, 67.4135, 45.9817
YIQ	181.0820, -78.6660, -61.1460

Conversions

Conversions Part 2

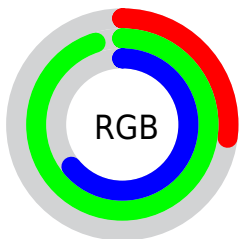
Format	Color
RYB	68, 180, 242
Decimal	4518564
CIELab	85.71, -61.13, 25.32
CIELCh	86, 66.161, 157.503
Yxy	67.4135, 0.2648, 0.4371
Android (android.graphics.Color)	4282708644 (0xFF44F2A4)
YUV	181.0820, -8.4214, -99.1729
Hunter-Lab	82.1057, -54.9047, 24.2698

Details

The Hex color **44F2A4** 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 **F24492**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **89FFDB**, and **00B970** is the 20% darker color. If you saturate the color by 10%, you get **2CF299**, and if you desaturate by 10%, it is **5CF2AF**.

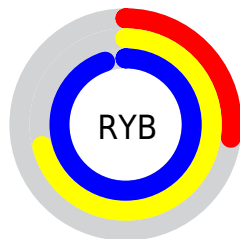
Distribution



Red (27%)

Green (95%)

Blue (64%)



Red (27%)

Yellow (71%)

Blue (95%)

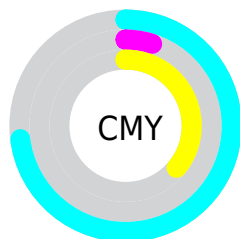


Cyan (72%)

Magenta (0%)

Yellow (32%)

Black (5%)



Cyan (73%)

Magenta (5%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44F2A4 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 44F2A4 by changing the saturation by 10% instead.

 44F2A4

 44F2A4

FFFFFF

 03D589

 89FFDB

 00B970

 A9FFF8

 009D57

 C8FFFF

 00823F

 E7FFFF

 006728

 004E11

 003600

 001C00

 000000

 44F2A4

 44F2A4

 2CF299

 5CF2AF

 14F28E

 74F2BA

 00F286

 8DF2C5

 A5F2CF

 BDF2DA

 D5F2E5

 EDF2F0

 FFF2FB

 FFF2FF

Harmonies

Analogous

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



A8E86E



44F2A4



00F6E5

Triad

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



44F2A4



80D8FF



FFAB8D

Complementary

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



44F2A4



F24492

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.



FF9FC9



44F2A4



EFBFFF

Square

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



44F2A4



00EAFB



FFA8FF



FFC261

Rectangle

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



44F2A4



00F5FF



FFA8FF



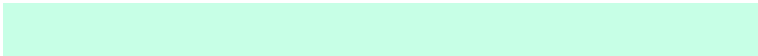
FFA5A0

Sweetspot

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



44F2A4



C7FFE6



92F244



5E8071



000000



808080

Same Dimension

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



44F2A4



24FF9D



44E9F2



6C7872



00B865



00381F

Inverse Universe

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



F24492



FF2486



F24D44



786C71



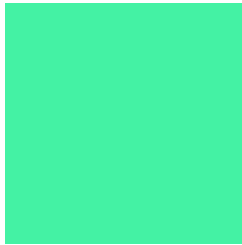
B80052



380019

Previews

White Background



This preview shows how the Hex color 44F2A4 looks on a white background.

Color Contrast Check

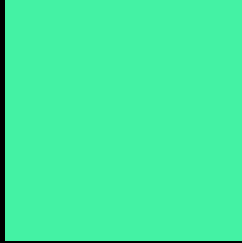
Large Text (above 18pt) WCAG AA × Fail

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 44F2A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

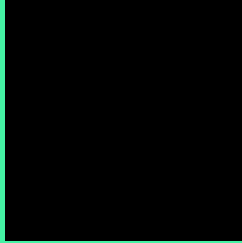
Any Text WCAG AA ✓ Pass

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 44F2A4 Background



This preview shows how black text looks on a background with the Hex color 44F2A4.

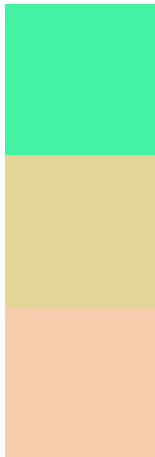


This preview shows how white text looks on a background with the Hex color 44F2A4.

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](#).

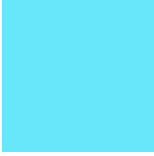
Dichromacy



Original Color
44F2A4

Protanopia
E5D497

Deuteranopia
F7CCAD



Tritanopia
68E7FA

Trichromacy



Original Color
44F2A4



Protanomaly
AADF9C



Deuteranomaly
B6DAAA

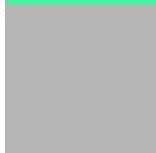


Tritanomaly
5BEBDB

Monochromacy



Original Color
44F2A4



Achromatopsia
B5B5B5



Achromatomaly
8CCBAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 44F2A4 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 #44F2A4 looks like.

```
.text, #text, p{  
    color:#44F2A4  
}
```

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 #44F2A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F2A4
}
```

Border

The CSS property to change the border of an element to Hex 44F2A4 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
#44F2A4 }
```

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

```
.border{ border-color:#44F2A4 }
```

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

Here you see how a box with a 4 pixel #44F2A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F2A4; -webkit-box-shadow:4px 4px  
4px 4px #44F2A4; box-shadow:4px 4px 4px  
4px #44F2A4 }
```

Background

The CSS property to change the background color of an element to Hex 44F2A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F2A4 }
```

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

```
.background{ background-color:#44F2A4 }
```

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