

Converting Colors

Hex(44F3A0)

Have a look what the booklet for
Hex(44F3A0) contains.

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Color

Hex(44F3A0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 44F3A0 |
| RGB | 68, 243, 160 |
| RGB Percent | 27%, 95%, 63% |
| CMY | 0.7333, 0.0471, 0.3725 |
| CMYK | 0.72, 0.00, 0.34, 0.05 |
| HSL | 152°, 88%, 61% |
| HSV | 152°, 72%, 95% |
| XYZ | 40.7797, 67.8682, 44.2083 |
| YIQ | 181.2130, -77.6570, -62.9130 |

Conversions

Conversions Part 2

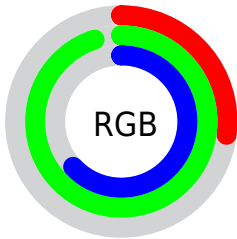
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 68, 183, 243 |
| Decimal | 4518816 |
| CIELab | 85.94, -62.29, 27.66 |
| CIElCh | 86, 68.152, 156.052 |
| Yxy | 67.8682, 0.2668, 0.4440 |
| Android (android.graphics.Color) | 4282708896 (0xFF44F3A0) |
| YUV | 181.2130, -10.4580, -99.2878 |
| Hunter-Lab | 82.3822, -55.8102, 25.8511 |

Details

The Hex color **44F3A0** 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 **F34497**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **89FFD7**, and **00B96C** is the 20% darker color. If you saturate the color by 10%, you get **2CF394**, and if you desaturate by 10%, it is **5CF3AC**.

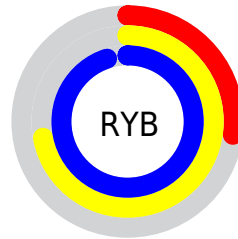
Distribution



Red (27%)

Green (95%)

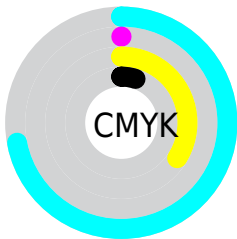
Blue (63%)



Red (27%)

Yellow (72%)

Blue (95%)

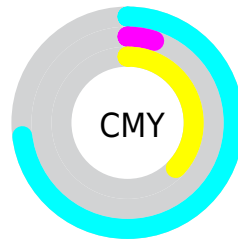


Cyan (72%)

Magenta (0%)

Yellow (34%)

Black (5%)



Cyan (73%)

Magenta (5%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44F3A0 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 44F3A0 by changing the saturation by 10% instead.

 44F3A0

 44F3A0

FFFFFF

 02D686


 89FFD7

 00B96C

 A9FFF4

 009E53

 C8FFFF

 00833B

 E7FFFF

 006824

 004E0D

 003700

 001D00

 000000

 44F3A0

 44F3A0

 2CF394

 5CF3AC

 13F389

 75F3B7

 00F380

 8DF3C3

 A5F3CE

 BDF3DA

 D6F3E5

 EEF3F1

 FFF3FC

 FFF3FF

Harmonies

Analogous

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



ABE969



44F3A0



00F7E2

Triad

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



44F3A0



73DAFF



FFA98E

Complementary

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



44F3A0



F34497

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.



FF9DCC



44F3A0



ECC1FF

Square

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



44F3A0



00ECFF



FFA8FF



FFC15F

Rectangle

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



44F3A0



00F6FF



FFA8FF



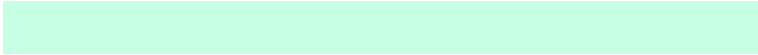
FFA3A2

Sweetspot

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



44F3A0



C7FFE4



99F344



5E8070



000000



808080

Same Dimension

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



44F3A0



24FF97



44F0F3



6E7A75



00BA62



003B1F

Inverse Universe

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



F34497



FF248C



F34744



7A6E74



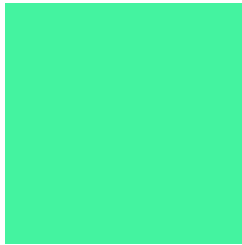
BA0058



3B001C

Previews

White Background



This preview shows how the Hex color 44F3A0 looks on a white background.

Color Contrast Check

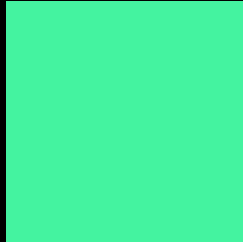
Large Text (above 18pt) WCAG AA × Fail

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 44F3A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

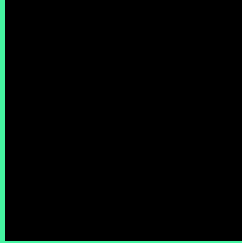
Any Text WCAG AA ✓ Pass

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 44F3A0 Background



This preview shows how black text looks on a background with the Hex color 44F3A0.

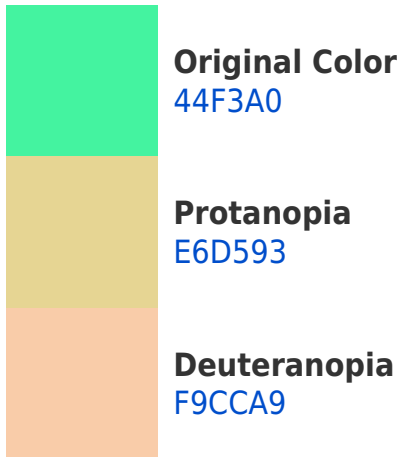


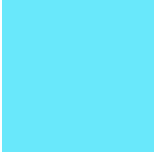
This preview shows how white text looks on a background with the Hex color 44F3A0.

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](#).

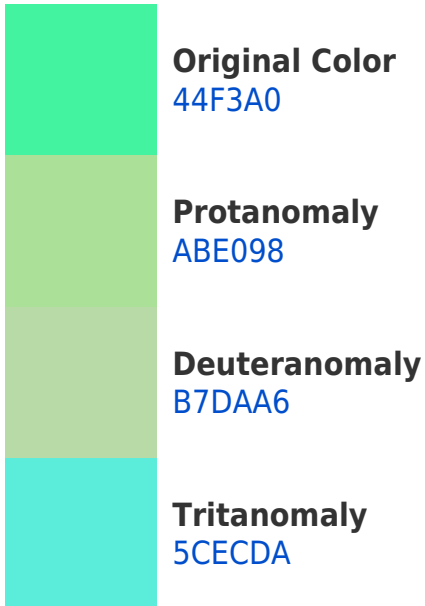
Dichromacy



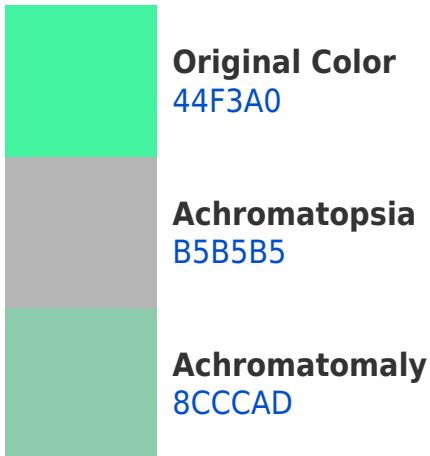


Tritanopia
69E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44F3A0 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 #44F3A0 looks like.

```
.text, #text, p{  
    color:#44F3A0  
}
```

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 #44F3A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F3A0
}
```

Border

The CSS property to change the border of an element to Hex 44F3A0 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
#44F3A0 }
```

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

```
.border{ border-color:#44F3A0 }
```

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

Here you see how a box with a 4 pixel #44F3A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F3A0; -webkit-box-shadow:4px 4px  
4px 4px #44F3A0; box-shadow:4px 4px 4px  
4px #44F3A0 }
```

Background

The CSS property to change the background color of an element to Hex 44F3A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F3A0 }
```

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

```
.background{ background-color:#44F3A0 }
```

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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