

Converting Colors

Hex(40EFA8)

Have a look what the booklet for
Hex(40EFA8) contains.

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Color

Hex(40EFA8)

Conversions

Conversions Part 1

Format	Color
Hex	40EFA8
RGB	64, 239, 168
RGB Percent	25%, 94%, 66%
CMY	0.7490, 0.0627, 0.3412
CMYK	0.73, 0.00, 0.30, 0.06
HSL	156°, 85%, 59%
HSV	156°, 73%, 94%
XYZ	40.0487, 65.6501, 47.6067
YIQ	178.5810, -81.5090, -59.1810

Conversions

Conversions Part 2

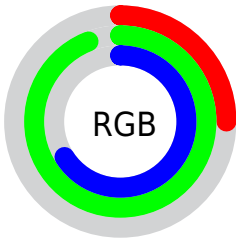
Format	Color
RYB	64, 174, 239
Decimal	4255656
CIELab	84.82, -59.71, 22.03
CIElCh	85, 63.645, 159.753
Yxy	65.6501, 0.2612, 0.4282
Android (android.graphics.Color)	4282445736 (0xFF40EFA8)
YUV	178.5810, -5.2164, -100.4875
Hunter-Lab	81.0248, -53.5648, 21.8810

Details

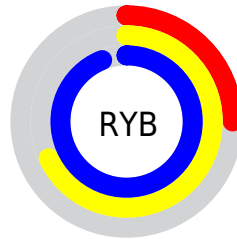
The Hex color **40EFA8** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **EF4087**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **86FFDF**, and **00B674** is the 20% darker color. If you saturate the color by 10%, you get **28EF9E**, and if you desaturate by 10%, it is **58EFB2**.

Distribution



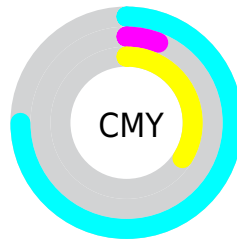
- Red (25%)
- Green (94%)
- Blue (66%)



- Red (25%)
- Yellow (68%)
- Blue (94%)



- Cyan (73%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (75%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40EFA8 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 40EFA8 by changing the saturation by 10% instead.

 40EFA8

FFFFFF

 86FFDF

 A6FFFC

 C5FFFF

 E4FFFF

 40EFA8

 00D28D

 00B674

 009A5B

 007F43

 00652C

 004B16

 003400

 001900

 000000

 40EFA8

 40EFA8

 28EF9E

 58EFB2

 10EF95

 70EFBB

 00EF8E

 88EFC5

 A0EFCF

 B8EFD8

 CFEFE2

 E7EFEC

 FFEFF6

 FFEFFF

Harmonies

Analogous

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



A3E673



40EFA8



00F2E6

Triad

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



40EFA8



8ED4FF



FFAC8A

Complementary

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



40EFA8



EF4087

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.



FFA0C2



40EFA8



F2BCFF

Square

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



40EFA8



00E5FF



FFA7FF



FFC261

Rectangle

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



40EFA8



00F1FF



FFA7FF



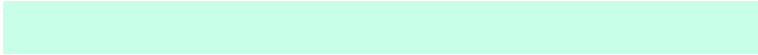
FFA69B

Sweetspot

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



40EFA8



C7FFE8



89EF40



5E8072



000000



808080

Same Dimension

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



40EFA8



1FFFA4



40E0EF



6C7873



00B86D



003821

Inverse Universe

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



EF4087



FF1F7A



EF4F40



786C71



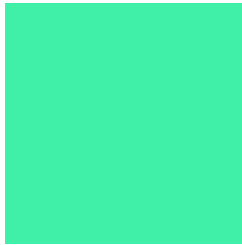
B8004A



380017

Previews

White Background



This preview shows how the Hex color 40EFA8 looks on a white background.

Color Contrast Check

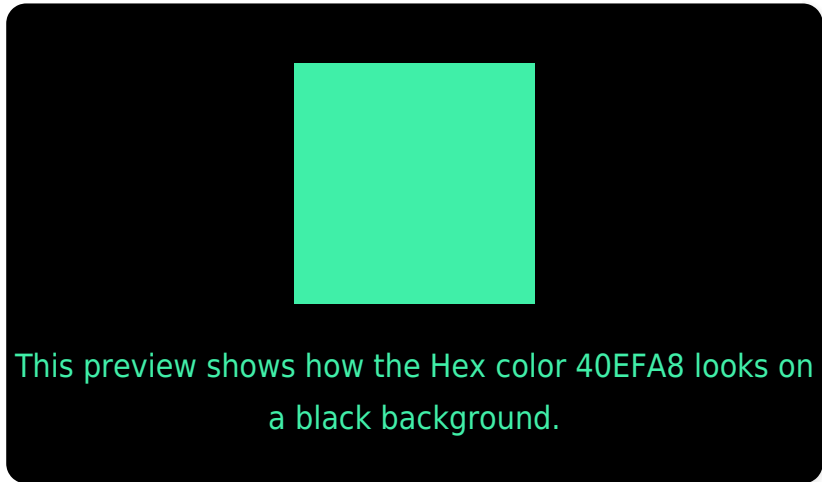
Large Text (above 18pt) WCAG AA × Fail

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

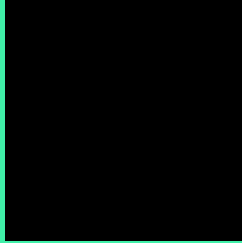
Any Text WCAG AA ✓ Pass

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 40EFA8 Background



This preview shows how black text looks on a background with the Hex color 40EFA8.

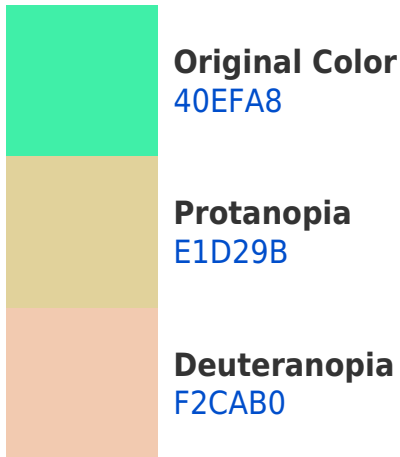


This preview shows how white text looks on a background with the Hex color 40EFA8.

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
64E5F7

Trichromacy



Original Color
40EFA8



Protanomaly
A6DDA0



Deuteranomaly
B1D7AD



Tritanomaly
57E9DA

Monochromacy



Original Color
40EFA8



Achromatopsia
B3B3B3



Achromatomaly
89C9AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 40EFA8 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 #40EFA8 looks like.

```
.text, #text, p{  
    color:#40EFA8  
}
```

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 #40EFA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40EFA8
}
```

Border

The CSS property to change the border of an element to Hex 40EFA8 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
#40EFA8 }
```

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

```
.border{ border-color:#40EFA8 }
```

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

Here you see how a box with a 4 pixel #40EFA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40EFA8; -webkit-box-shadow:4px 4px  
4px 4px #40EFA8; box-shadow:4px 4px 4px  
4px #40EFA8 }
```

Background

The CSS property to change the background color of an element to Hex 40EFA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40EFA8 }
```

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

```
.background{ background-color:#40EFA8 }
```

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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