

Converting Colors

Hex(44EBAF)

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

Hex(44EBAF)	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(44EBAF)

Conversions

Conversions Part 1

Format	Color
Hex	44EBAF
RGB	68, 235, 175
RGB Percent	27%, 92%, 69%
CMY	0.7333, 0.0784, 0.3137
CMYK	0.71, 0.00, 0.26, 0.08
HSL	158°, 81%, 59%
HSV	158°, 71%, 92%
XYZ	39.8301, 63.7408, 50.7614
YIQ	178.2270, -80.2720, -54.0640

Conversions

Conversions Part 2

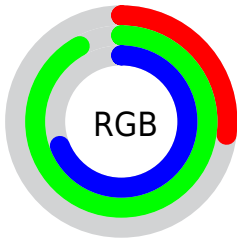
Format	Color
RYB	68, 170, 235
Decimal	4516783
CIELab	83.83, -56.14, 17.04
CIElCh	84, 58.671, 163.114
Yxy	63.7408, 0.2581, 0.4130
Android (android.graphics.Color)	4282706863 (0xFF44EBAF)
YUV	178.2270, -1.5909, -96.6691
Hunter-Lab	79.8378, -50.6647, 18.1895

Details

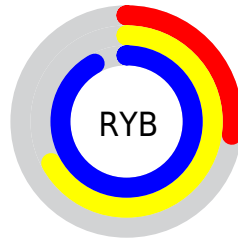
The Hex color **44EBAF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **EB4480**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **88FFE7**, and **00B27A** is the 20% darker color. If you saturate the color by 10%, you get **2DEBA7**, and if you desaturate by 10%, it is **5CEBB7**.

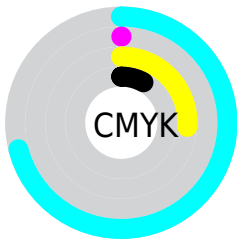
Distribution



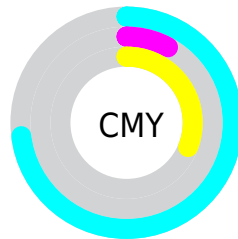
- Red (27%)
- Green (92%)
- Blue (69%)



- Red (27%)
- Yellow (67%)
- Blue (92%)



- Cyan (71%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (73%)
- Magenta (8%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 44EBAF

 44EBAF


FFFFFF

 08CE94

 88FFE7

 00B27A

 A8FFFF

 009761

 C6FFFF

 007C49

 E5FFFF

 006233

 00481D

 003105

 001600

 000000

 44EBAF

 44EBAF

 2DEBA7

 5CEBB7

 15EB9E

 73EBC0

 00EB97

 8BEBC8

 A2EBD1

 BAEBD9

 D1EBE2

 E9EBEA

 FFEBF3

 FFEFBF

Harmonies

Analogous

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



9DE37D



44EBAF



00EDE8

Triad

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



44EBAF



A0CEFF



FFAF88

Complementary

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



44EBAF



EB4480

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.



FFA3BB



44EBAF



F5B9FF

Square

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



44EBAF



00E0FF



FFA7F3



FFC366

Rectangle

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



44EBAF



00ECFF



FFA7F3



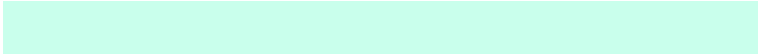
FFA998

Sweetspot

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



44EBAF



C9FFEC



81EB44



608074



000000



808080

Same Dimension

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



44EBAF



26FFB1



44D5EB



6A7571



00B574



003622

Inverse Universe

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



EB4480



FF2674



EB5A44



756A6E



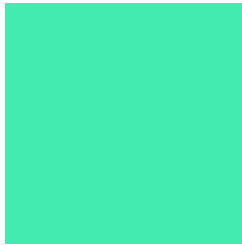
B50041



360013

Previews

White Background



This preview shows how the Hex color 44EBAF 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

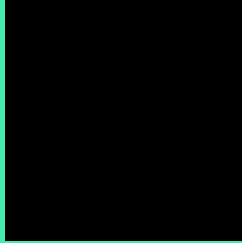
Any Text WCAG AA ✓ Pass

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 44EBAF Background



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

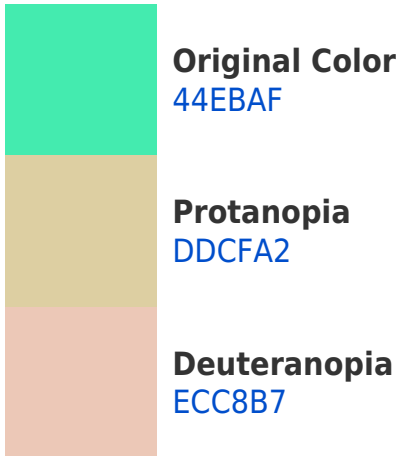


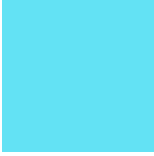
This preview shows how white text looks on a background with the Hex color 44EBAF.

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](#).

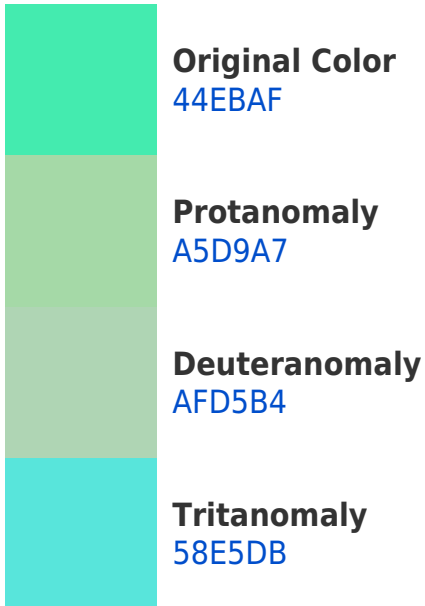
Dichromacy



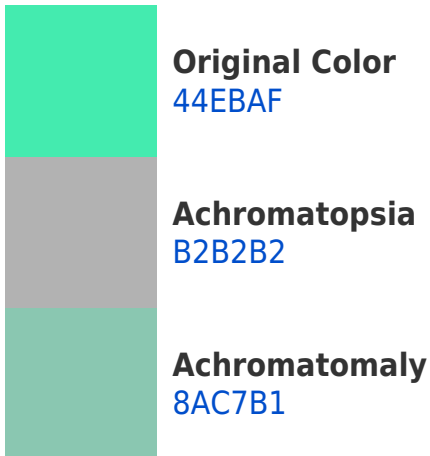


Tritanopia
63E2F4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #44EBAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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