

# Converting Colors

Hex(44E3BE)

Have a look what the booklet for  
Hex(44E3BE) contains.

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# Color

Hex(44E3BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	44E3BE
RGB	68, 227, 190
RGB Percent	27%, 89%, 75%
CMY	0.7333, 0.1098, 0.2549
CMYK	0.70, 0.00, 0.16, 0.11
HSL	166°, 74%, 58%
HSV	166°, 70%, 89%
XYZ	39.1472, 59.8848, 58.2109
YIQ	175.2410, -82.8870, -45.2150

# Conversions

## Conversions Part 2

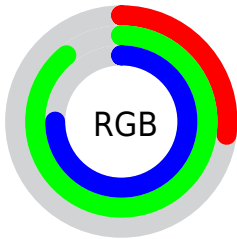
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 158, 227
Decimal	4514750
CIELab	81.78, -49.43, 6.26
CIELCh	82, 49.828, 172.787
Yxy	59.8848, 0.2490, 0.3808
Android (android.graphics.Color)	4282704830 (0xFF44E3BE)
YUV	175.2410, 7.2762, -94.0504
Hunter-Lab	77.3853, -45.1256, 9.5705

# Details

The Hex color **44E3BE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E34469**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **88FFF6**, and **00AB89** is the 20% darker color. If you saturate the color by 10%, you get **2DE3B9**, and if you desaturate by 10%, it is **5BE3C3**.

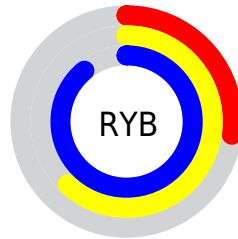
# Distribution



Red (27%)

Green (89%)

Blue (75%)



Red (27%)

Yellow (62%)

Blue (89%)

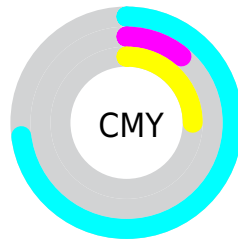


Cyan (70%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44E3BE 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 44E3BE by changing the saturation by 10% instead.



 44E3BE

 44E3BE

FFFFFF

 0CC6A3

 88FFF6

 00AB89

 A7FFFF

 008F6F

 C5FFFF

 007557

 E4FFFF

 005B40

 00422A

 002D15

 000C00

 000000

■ 44E3BE

■ 44E3BE

■ 2DE3B9

■ 5BE3C3

■ 17E3B3

■ 71E3C9

■ 00E3AE

■ 88E3CE

■ 9FE3D3

■ B5E3D8

■ CCE3DE

■ E3E3E3

■ FAE3E8

■ FFE3EE

# Harmonies

## Analogous

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



8EDE91



44E3BE



00E3EE

# Triad

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



44E3BE



BFC3FF



FFB482

# Complementary

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



44E3BE



E34469

# 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.



FFA8AA



44E3BE



FBB2FF

# Square

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



44E3BE



69D3FF



FFA7D9



F3C56D

# Rectangle

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



44E3BE



00E1FF



FFA7D9



FFAF8E

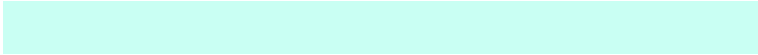


# Sweetspot

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



44E3BE



C9FFF3



69E344



608078



000000



808080



# Same Dimension

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



44E3BE



29FFCD



44B9E3



677370



00B389



003327



# Inverse Universe

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



E34469



FF295B



E36E44



73676A



B3002A

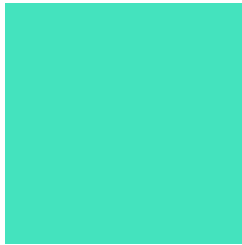


33000C



# Previews

## White Background



This preview shows how the Hex color 44E3BE looks on a white background.

## Color Contrast Check

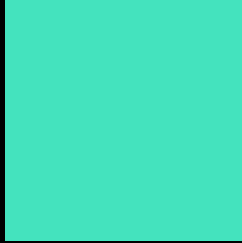
Large Text (above 18pt) WCAG AA × Fail

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 44E3BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

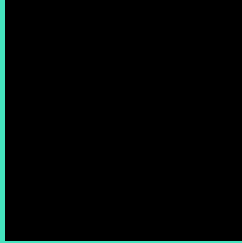
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

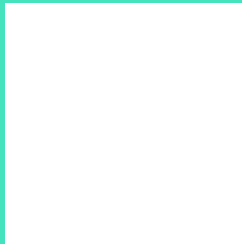
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44E3BE Background



This preview shows how black text looks on a background with the Hex color 44E3BE.

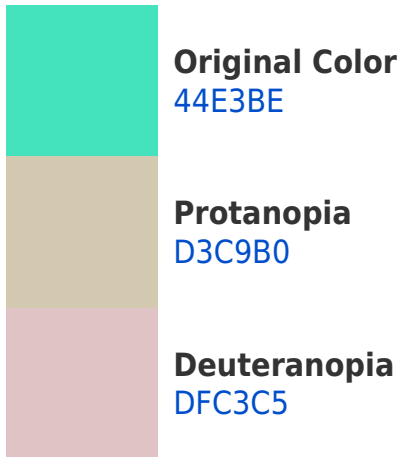


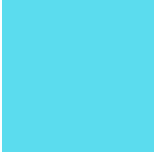
This preview shows how white text looks on a background with the Hex color 44E3BE.

# 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





# Trichromacy



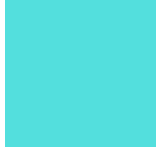
**Original Color**  
44E3BE



**Protanomaly**  
9FD2B5



**Deuteranomaly**  
A7CFC2



**Tritanomaly**  
53DFDD

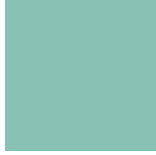
# Monochromacy



**Original Color**  
44E3BE



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
88C2B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44E3BE 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 #44E3BE looks like.

```
.text, #text, p{  
    color:#44E3BE  
}
```

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 #44E3BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44E3BE
}
```

## Border

The CSS property to change the border of an element to Hex 44E3BE 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
#44E3BE }
```

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

```
.border{ border-color:#44E3BE }
```

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

Here you see how a box with a 4 pixel #44E3BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44E3BE; -webkit-box-shadow:4px 4px  
4px 4px #44E3BE; box-shadow:4px 4px 4px  
4px #44E3BE }
```

# Background

The CSS property to change the background color of an element to Hex 44E3BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44E3BE }
```

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

```
.background{ background-color:#44E3BE }
```

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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