

Converting Colors

Hex(44E2A3)

Have a look what the booklet for
Hex(44E2A3) contains.

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Color

Hex(44E2A3)

Conversions

Conversions Part 1

Format	Color
Hex	44E2A3
RGB	68, 226, 163
RGB Percent	27%, 89%, 64%
CMY	0.7333, 0.1137, 0.3608
CMYK	0.70, 0.00, 0.28, 0.11
HSL	156°, 73%, 58%
HSV	156°, 70%, 89%
XYZ	36.1911, 58.2660, 43.9893
YIQ	171.5760, -73.9450, -53.0890

Conversions

Conversions Part 2

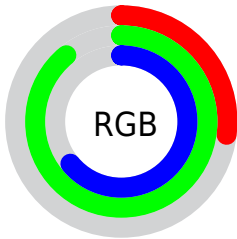
Format	Color
RYB	68, 167, 226
Decimal	4514467
CIELab	80.89, -55.21, 19.19
CIElCh	81, 58.453, 160.830
Yxy	58.2660, 0.2614, 0.4209
Android (android.graphics.Color)	4282704547 (0xFF44E2A3)
YUV	171.5760, -4.2280, -90.8362
Hunter-Lab	76.3322, -48.9497, 19.2644

Details

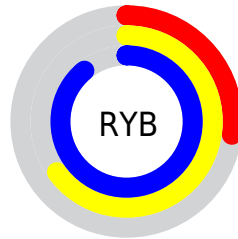
The Hex color **44E2A3** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E24483**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **87FFDA**, and **00A96F** is the 20% darker color. If you saturate the color by 10%, you get **2DE29A**, and if you desaturate by 10%, it is **5BE2AC**.

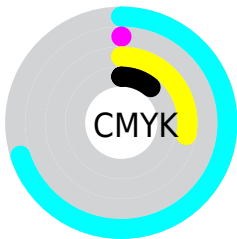
Distribution



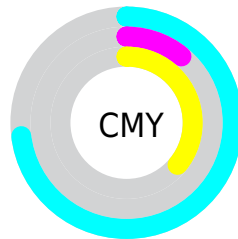
- Red (27%)
- Green (89%)
- Blue (64%)



- Red (27%)
- Yellow (65%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (73%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44E2A3 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 44E2A3 by changing the saturation by 10% instead.

 44E2A3

 44E2A3

FFFFFF

 0FC589

 87FFDA

 00A96F

 A5FFF7

 008E56

 C4FFFF

 00743F

 E3FFFF

 005A28

 004113

 002A00

 000600

 000000

 44E2A3

 44E2A3

 2DE29A

 5BE2AC

 17E291

 71E2B5

 00E288

 88E2BE

 9EE2C7

 B5E2D0

 CCE2D9

 E2E2E2

 F9E2EB

 FFE2F4

Harmonies

Analogous

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



9ADA73



44E2A3



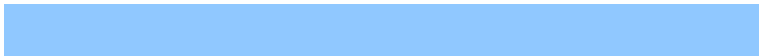
00E5DC

Triad

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



44E2A3



90C8FF



FFA684

Complementary

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



44E2A3



E24483

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.



FF9AB7



44E2A3



E7B3FF

Square

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



44E2A3



00D8FF



FFA0EE



FFB960

Rectangle

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



44E2A3



00E3FF



FFA0EE



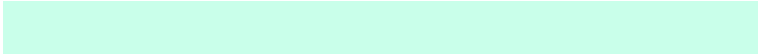
FFA094

Sweetspot

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



44E2A3



C9FFEA



83E244



608073



000000



808080

Same Dimension

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



44E2A3



29FFAA



44D2E2



65706C



00B06A



00301D

Inverse Universe

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



E24483



FF297E



E25444



706569



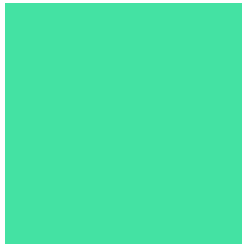
B00046



300013

Previews

White Background



This preview shows how the Hex color 44E2A3 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 44E2A3 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 44E2A3 Background



This preview shows how black text looks on a background with the Hex color 44E2A3.

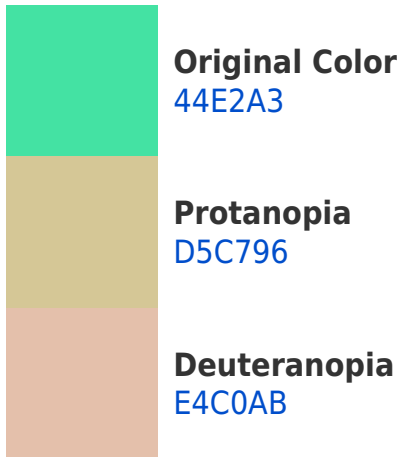


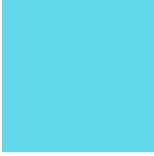
This preview shows how white text looks on a background with the Hex color 44E2A3.

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
62D9EA

Trichromacy



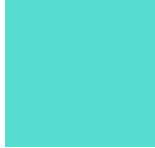
Original Color
44E2A3



Protanomaly
A0D19B



Deuteranomaly
AACCA8

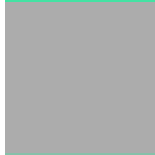


Tritanomaly
57DCD0

Monochromacy



Original Color
44E2A3



Achromatopsia
ACACAC



Achromatomaly
86C0A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 44E2A3 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 #44E2A3 looks like.

```
.text, #text, p{  
    color:#44E2A3  
}
```

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 #44E2A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44E2A3  
}
```

Border

The CSS property to change the border of an element to Hex 44E2A3 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  
#44E2A3 }
```

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

```
.border{ border-color:#44E2A3 }
```

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

Here you see how a box with a 4 pixel #44E2A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44E2A3; -webkit-box-shadow:4px 4px  
4px 4px #44E2A3; box-shadow:4px 4px 4px  
4px #44E2A3 }
```

Background

The CSS property to change the background color of an element to Hex 44E2A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44E2A3 }
```

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

```
.background{ background-color:#44E2A3 }
```

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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