

Converting Colors

Hex(44E6C3)

Have a look what the booklet for
Hex(44E6C3) contains.

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Color

Hex(44E6C3)

Conversions

Conversions Part 1

Format	Color
Hex	44E6C3
RGB	68, 230, 195
RGB Percent	27%, 90%, 76%
CMY	0.7333, 0.0980, 0.2353
CMYK	0.70, 0.00, 0.15, 0.10
HSL	167°, 76%, 58%
HSV	167°, 70%, 90%
XYZ	40.5310, 61.7627, 61.4149
YIQ	177.5720, -85.3170, -45.2290

Conversions

Conversions Part 2

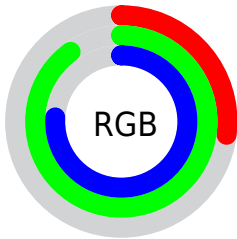
Format	Color
RYB	68, 159, 230
Decimal	4515523
CIELab	82.79, -49.46, 5.08
CIElCh	83, 49.721, 174.141
Yxy	61.7627, 0.2476, 0.3773
Android (android.graphics.Color)	4282705603 (0xFF44E6C3)
YUV	177.5720, 8.5920, -96.0946
Hunter-Lab	78.5893, -45.4729, 8.6793

Details

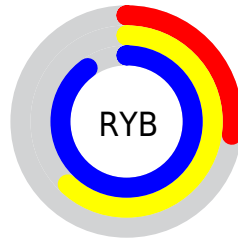
The Hex color **44E6C3** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E64467**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **88FFFC**, and **00AD8D** is the 20% darker color. If you saturate the color by 10%, you get **2DE6BE**, and if you desaturate by 10%, it is **5BE6C8**.

Distribution



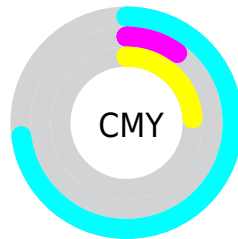
- Red (27%)
- Green (90%)
- Blue (76%)



- Red (27%)
- Yellow (62%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (73%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44E6C3 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 44E6C3 by changing the saturation by 10% instead.

 44E6C3

 44E6C3


FFFFFF

 08C9A8

 88FFFC

 00AD8D

 A7FFFF

 009274

 C6FFFF

 00785B

 E5FFFF

 005E44

 00452E

 002E19

 001100

 000000

 44E6C3

 44E6C3

 2DE6BE

 5BE6C8

 16E6B9

 72E6CD

 00E6B4

 89E6D2

 A0E6D7

 B7E6DC

 CEE6E1

 E5E6E6

 FCE6EB

 FFE6F0

Harmonies

Analogous

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



8EE196



44E6C3



00E6F3

Triad

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



44E6C3



C5C5FF



FFB884

Complementary

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



44E6C3



E64467

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.



FFABAA



44E6C3



FFB4FF

Square

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



44E6C3



71D6FF



FFA9D9



F4C870

Rectangle

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



44E6C3



00E3FF



FFA9D9



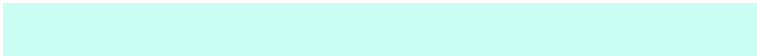
FFB38F

Sweetspot

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



44E6C3



C9FFF3



67E644



608079



000000



808080

Same Dimension

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



44E6C3



26FFD0



44B8E6



677370



00B38C



003328

Inverse Universe

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



E64467



FF2655



E67244



73676A



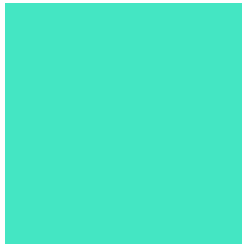
B30027



33000B

Previews

White Background



This preview shows how the Hex color 44E6C3 looks on a white background.

Color Contrast Check

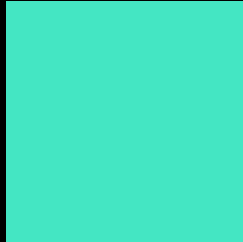
Large Text (above 18pt) WCAG AA × Fail

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 44E6C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

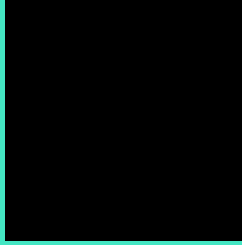
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

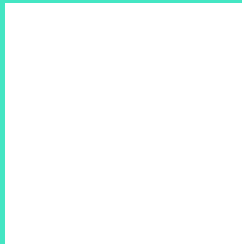
Any Text WCAG AAA ✓ Pass

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

Hex 44E6C3 Background



This preview shows how black text looks on a background with the Hex color 44E6C3.

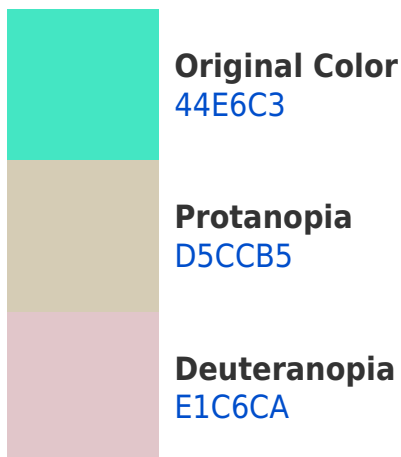


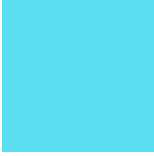
This preview shows how white text looks on a background with the Hex color 44E6C3.

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
5BDF2

Trichromacy



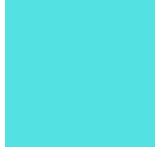
Original Color
44E6C3



Protanomaly
A0D5BA



Deuteranomaly
A8D2C7



Tritanomaly
53E2E1

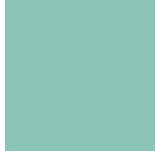
Monochromacy



Original Color
44E6C3



Achromatopsia
B2B2B2



Achromatomaly
8AC5B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 44E6C3 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 #44E6C3 looks like.

```
.text, #text, p{  
    color:#44E6C3  
}
```

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 #44E6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44E6C3
}
```

Border

The CSS property to change the border of an element to Hex 44E6C3 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
#44E6C3 }
```

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

```
.border{ border-color:#44E6C3 }
```

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

Here you see how a box with a 4 pixel #44E6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44E6C3; -webkit-box-shadow:4px 4px  
4px 4px #44E6C3; box-shadow:4px 4px 4px  
4px #44E6C3 }
```

Background

The CSS property to change the background color of an element to Hex 44E6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44E6C3 }
```

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

```
.background{ background-color:#44E6C3 }
```

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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