

Converting Colors

Hex(44EAE4)

Have a look what the booklet for
Hex(44EAE4) contains.

Hex(44EAE4)	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(44EAE4)

Conversions

Conversions Part 1

Format	Color
Hex	44EAE4
RGB	68, 234, 228
RGB Percent	27%, 92%, 89%
CMY	0.7333, 0.0824, 0.1059
CMYK	0.71, 0.00, 0.03, 0.08
HSL	178°, 80%, 59%
HSV	178°, 71%, 92%
XYZ	45.8103, 65.6760, 83.6611
YIQ	183.6820, -97.0100, -37.0580

Conversions

Conversions Part 2

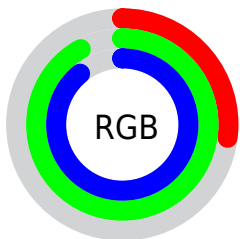
Format	Color
RYB	68, 153, 234
Decimal	4516580
CIELab	84.83, -42.59, -9.34
CIELCh	85, 43.604, 192.364
Yxy	65.6760, 0.2347, 0.3365
Android (android.graphics.Color)	4282706660 (0xFF44EAE4)
YUV	183.6820, 21.8488, -101.4531
Hunter-Lab	81.0407, -40.9197, -4.4785

Details

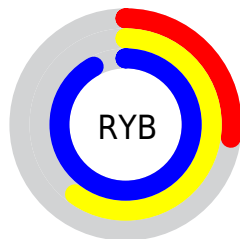
The Hex color **44EAE4** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EA444A**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **8BFFFF**, and **00B2AD** is the 20% darker color. If you saturate the color by 10%, you get **2DEAE3**, and if you desaturate by 10%, it is **5BEAE5**.

Distribution



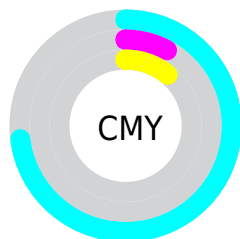
- Red (27%)
- Green (92%)
- Blue (89%)



- Red (27%)
- Yellow (60%)
- Blue (92%)



- Cyan (71%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (73%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44EAE4 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 44EAE4 by changing the saturation by 10% instead.

 44EAE4

 44EAE4

FFFFFF

 00CDC8

 8BFFFF

 00B2AD

 ABFFFF

 009692

 CAFFFF

 007C78

 EAFFFF

 006260

 004948

 003232

 001A1D

 000001

 44EAE4

 44EAE4

 2DEAE3

 5BEAE5

 15EAE2

 73EAE6

 00EAE2

 8AEAE7

 A2EAE7

 B9EAE8

 D0EAE9

 E8EAEA

 FFEAEB

 FFEAEC

Harmonies

Analogous

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



7DE8B9



44EAE4



2DE7FF

Triad

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



44EAE4



EEC3FF



FFC986

Complementary

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



44EAE4



EA444A

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.



FFBB9E



44EAE4



FFB7EE

Square

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



44EAE4



B4D2FF



FFB4C4



DED782

Rectangle

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



44EAE4



56E2FF



FFB4C4



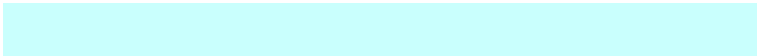
FFC48C

Sweetspot

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



44EAE4



C9FFFD



4CEA44



60807E



000000



808080

Same Dimension

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



44EAE4



26FFF7



449FEA



6A7575



00B5AF



003634

Inverse Universe

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



EA444A



FF262E



EA8F44



756A6A



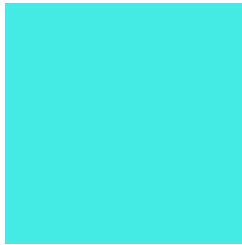
B50007



360002

Previews

White Background



This preview shows how the Hex color 44EAE4 looks on a white background.

Color Contrast Check

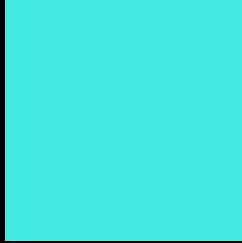
Large Text (above 18pt) WCAG AA × Fail

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 44EAE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

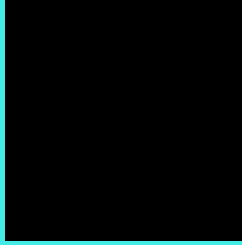
Any Text WCAG AA ✓ Pass

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 44EAE4 Background



This preview shows how black text looks on a background with the Hex color 44EAE4.

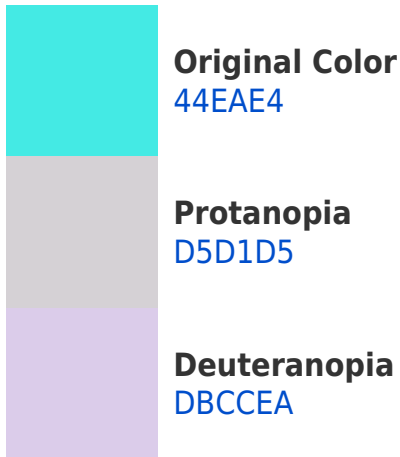


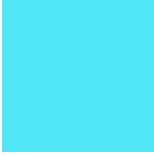
This preview shows how white text looks on a background with the Hex color 44EAE4.

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
51E7F9

Trichromacy



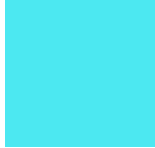
Original Color
44EAE4



Protanomaly
A0DADA



Deuteranomaly
A4D7E8

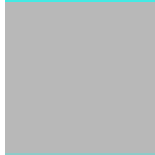


Tritanomaly
4CE8F1

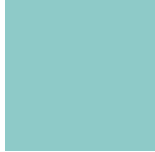
Monochromacy



Original Color
44EAE4



Achromatopsia
B8B8B8



Achromatomaly
8ECAC8

CSS Examples

Text

The CSS property to change the color of the text to Hex 44EAE4 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 #44EAE4 looks like.

```
.text, #text, p{  
    color:#44EAE4  
}
```

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 #44EAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44EAE4
}
```

Border

The CSS property to change the border of an element to Hex 44EAE4 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
#44EAE4 }
```

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

```
.border{ border-color:#44EAE4 }
```

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

Here you see how a box with a 4 pixel #44EAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44EAE4; -webkit-box-shadow:4px 4px  
4px 4px #44EAE4; box-shadow:4px 4px 4px  
4px #44EAE4 }
```

Background

The CSS property to change the background color of an element to Hex 44EAE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44EAE4 }
```

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

```
.background{ background-color:#44EAE4 }
```

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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