

# Converting Colors

Hex(44EDE6)

Have a look what the booklet for  
Hex(44EDE6) contains.

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# **Color**

**Hex(44EDE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44EDE6
RGB	68, 237, 230
RGB Percent	27%, 93%, 90%
CMY	0.7333, 0.0706, 0.0980
CMYK	0.71, 0.00, 0.03, 0.07
HSL	178°, 82%, 60%
HSV	178°, 71%, 93%
XYZ	46.9510, 67.5105, 85.4192
YIQ	185.6710, -98.4770, -38.0050

# Conversions

## Conversions Part 2

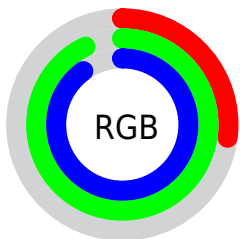
Format	Color
<a href="#">RYB</a>	68, 154, 237
Decimal	4517350
CIELab	85.76, -43.38, -9.01
CIELCh	86, 44.300, 191.731
Yxy	67.5105, 0.2349, 0.3378
Android (android.graphics.Color)	4282707430 (0xFF44EDE6)
YUV	185.6710, 21.8542, -103.1975
Hunter-Lab	82.1648, -41.7890, -4.1230

# Details

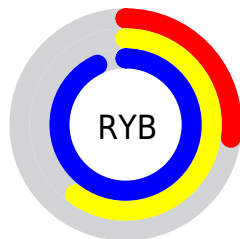
The Hex color **44EDE6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **ED444B**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8BFFFF**, and **00B4AF** is the 20% darker color. If you saturate the color by 10%, you get **2CEDE5**, and if you desaturate by 10%, it is **5CEDE7**.

# Distribution



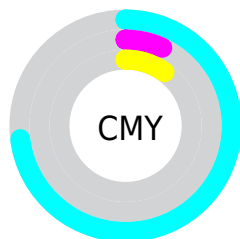
- Red (27%)
- Green (93%)
- Blue (90%)



- Red (27%)
- Yellow (60%)
- Blue (93%)



- Cyan (71%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (73%)
- Magenta (7%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44EDE6 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 44EDE6 by changing the saturation by 10% instead.



 44EDE6

 44EDE6

FFFFFF

 00DOCA

 8BFFFF

 00B4AF

 ABFFFF

 009994

 CBFFFF

 007E7A

 EAFFFF

 006561

 004C4A

 003433

 001D1E

 000004

 44EDE6

 44EDE6

 2CEDE5

 5CEDE7

 15EDE4

 73EDE8

 00EDE3

 8BEDE9

 A3EDEA

 BAEDEB

 D2EDEC

 EAEDED

 FFEDEE

 FFEDEF

# Harmonies

## Analogous

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



7FE BBB



44E DE6



29E AFF

# Triad

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



44EDE6



F0C6FF



FFCB87

# Complementary

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



44EDE6



ED444B

# 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.



FFBDA1



44EDE6



FFB9F2

# Square

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



44EDE6



B5D5FF



FFB6C7



E2D983

# Rectangle

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



44EDE6



54E5FF



FFB6C7



FFC68E

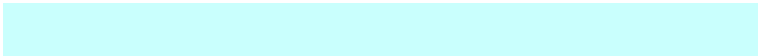


# Sweetspot

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



44EDE6



C9FFFD



4CED44



60807E



000000



808080



# Same Dimension

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



44EDE6



24FFF6



44A1ED



6A7575



00B5AE



003633



# Inverse Universe

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



ED444B



FF242D



ED9044



756A6A



B50007

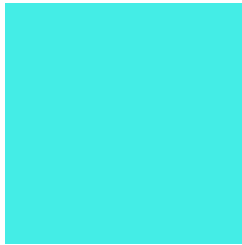


360002



# Previews

## White Background



This preview shows how the Hex color 44EDE6 looks on a white background.

## Color Contrast Check

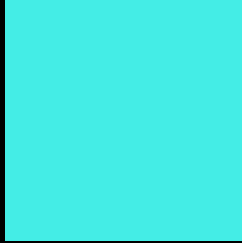
Large Text (above 18pt) WCAG AA × Fail

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 44EDE6 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 44EDE6 Background



This preview shows how black text looks on a background with the Hex color 44EDE6.

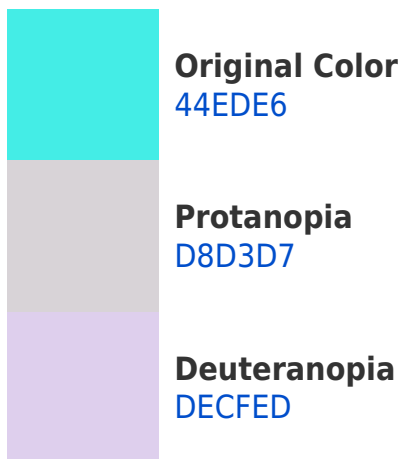


This preview shows how white text looks on a background with the Hex color 44EDE6.

# 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](#).

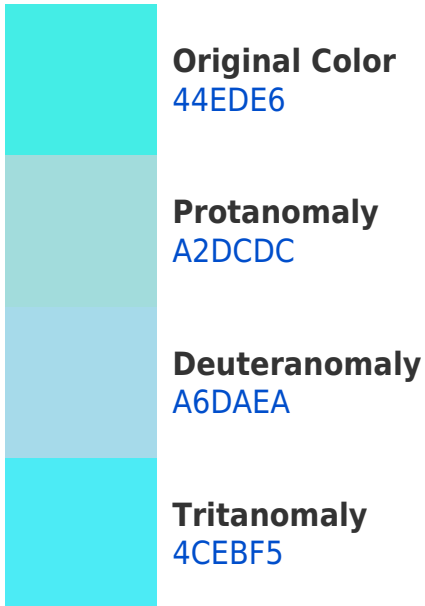
## Dichromacy



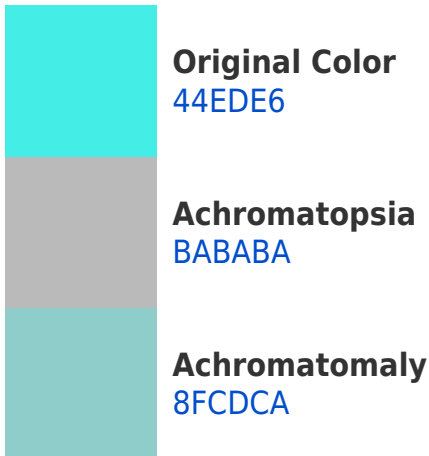


**Tritanopia**  
51EAFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44EDE6 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 #44EDE6 looks like.

```
.text, #text, p{  
    color:#44EDE6  
}
```

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 #44EDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44EDE6  
}
```

## Border

The CSS property to change the border of an element to Hex 44EDE6 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  
#44EDE6 }
```

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

```
.border{ border-color:#44EDE6 }
```

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

Here you see how a box with a 4 pixel #44EDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44EDE6; -webkit-box-shadow:4px 4px  
4px 4px #44EDE6; box-shadow:4px 4px 4px  
4px #44EDE6 }
```

# Background

The CSS property to change the background color of an element to Hex 44EDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44EDE6 }
```

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

```
.background{ background-color:#44EDE6 }
```

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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