

# Converting Colors

Hex(4EBEDA)

Have a look what the booklet for  
Hex(4EBEDA) contains.

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# **Color**

**Hex(4EBEDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EBEDA
RGB	78, 190, 218
RGB Percent	31%, 75%, 85%
CMY	0.6941, 0.2549, 0.1451
CMYK	0.64, 0.13, 0.00, 0.15
HSL	192°, 65%, 58%
HSV	192°, 64%, 85%
XYZ	34.2102, 43.5086, 72.9246
YIQ	159.7040, -75.7400, -15.0360

# Conversions

## Conversions Part 2

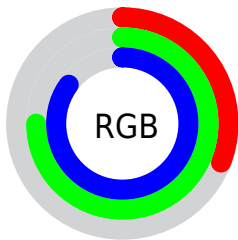
Format	Color
<a href="#">RYB</a>	<a href="#">78, 140, 218</a>
Decimal	<a href="#">5160666</a>
CIELab	<a href="#">71.90, -23.21, -23.44</a>
CIELCh	<a href="#">72, 32.982, 225.280</a>
Yxy	<a href="#">43.5086, 0.2271, 0.2888</a>
Android (android.graphics.Color)	<a href="#">4283350746 (0xFF4EBEDA)</a>
YUV	<a href="#">159.7040, 28.7399, -71.6544</a>
Hunter-Lab	<a href="#">65.9610, -22.8540, -19.3766</a>

# Details

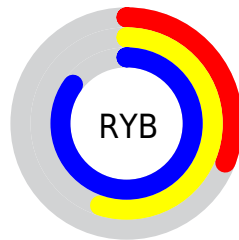
The Hex color **4EBEDA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DA6A4E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8DF7FF**, and **0088A3** is the 20% darker color. If you saturate the color by 10%, you get **38BADA**, and if you desaturate by 10%, it is **64C2DA**.

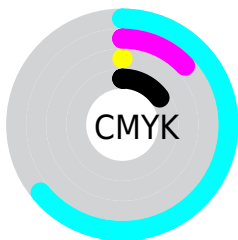
# Distribution



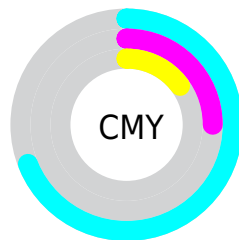
- Red (31%)
- Green (75%)
- Blue (85%)



- Red (31%)
- Yellow (55%)
- Blue (85%)



- Cyan (64%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (25%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EBEDA 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 4EBEDA by changing the saturation by 10% instead.



 4EBEDA

 4EBEDA

FFFFFF

 27A3BE

 8DF7FF

 0088A3

 ABFFFF

 006F89

 C9FFFF

 00566F

 E7FFFF

 003F57

 00283F

 000F29

 000114

 000000

 4EBEDA

 4EBEDA

 38BADA

 64C2DA

 22B5DA

 7AC7DA

 0DB1DA

 8FCBDA

 00AEDA

 A5CFDA

 BBD4DA

 D1D8DA

 E7DDDA

 FCE1DA

 FFE5DA

# Harmonies

## Analogous

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



51C1BF



4EBEDA



71B7EA

# Triad

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



4EBEDA



E29BC0



B5B376

# Complementary

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



4EBEDA



DA6A4E

# 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.



D2A976



4EBEDA



EC9AA2

# Square

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



4EBEDA



C7A3DB



E69F87



94BB85

# Rectangle

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



4EBEDA



90B1EC



E69F87



C0B074

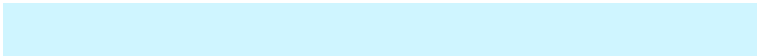


# Sweetspot

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



4EBEDA



CFF5FF



4EDA6A



627A80



000000



808080

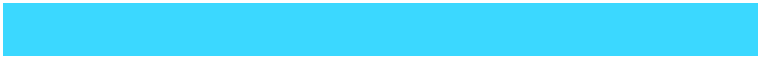


# Same Dimension

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



4EBEDA



3BD8FF



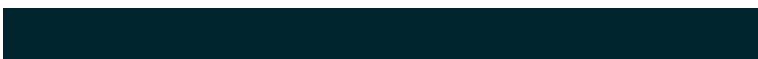
4E78DA



636B6E



008BAD



00252E



# Inverse Universe

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



DA4EBE



FF3BD8



DAB04E



6E636B



AD008B

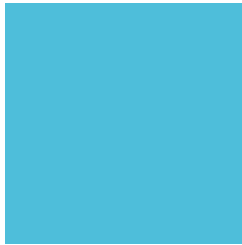


2E0025



# Previews

## White Background



This preview shows how the Hex color 4EBEDA looks on a white background.

## Color Contrast Check

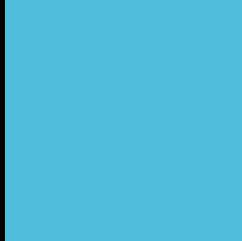
Large Text (above 18pt) WCAG AA × Fail

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 4EBEDA 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 4EBEDA Background



This preview shows how black text looks on a background with the Hex color 4EBEDA.

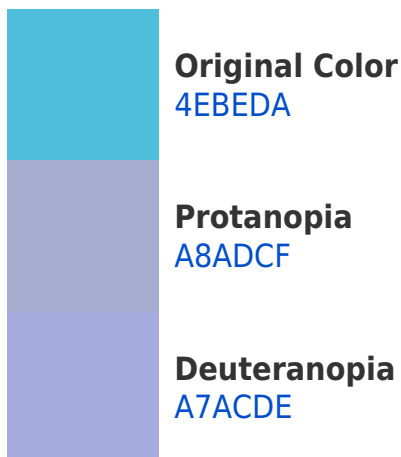


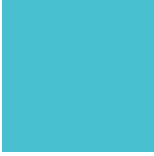
This preview shows how white text looks on a background with the Hex color 4EBEDA.

# 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**  
49C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EBEDA 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 #4EBEDA looks like.

```
.text, #text, p{  
    color:#4EBEDA  
}
```

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 #4EBEDA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 4EBEDA 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
#4EBEDA }
```

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

```
.border{ border-color:#4EBEDA }
```

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

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

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

# Background

The CSS property to change the background color of an element to Hex 4EBEDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBEDA }
```

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

```
.background{ background-color:#4EBEDA }
```

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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