

# Converting Colors

Hex(4EE6D0)

Have a look what the booklet for  
Hex(4EE6D0) contains.

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# Color

**Hex(4EE6D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EE6D0
RGB	78, 230, 208
RGB Percent	31%, 90%, 82%
CMY	0.6941, 0.0980, 0.1843
CMYK	0.66, 0.00, 0.10, 0.10
HSL	171°, 75%, 60%
HSV	171°, 66%, 90%
XYZ	42.8239, 62.7674, 69.5328
YIQ	182.0440, -83.5300, -39.0660

# Conversions

## Conversions Part 2

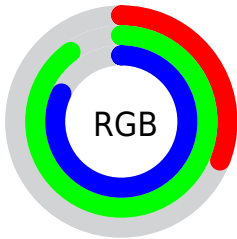
Format	Color
<a href="#">RYB</a>	<a href="#">78, 160, 230</a>
Decimal	<a href="#">5170896</a>
CIELab	<a href="#">83.32, -44.79, -0.99</a>
CIELCh	<a href="#">83, 44.802, 181.264</a>
Yxy	<a href="#">62.7674, 0.2445, 0.3584</a>
Android (android.graphics.Color)	<a href="#">4283360976 (0xFF4EE6D0)</a>
YUV	<a href="#">182.0440, 12.7963, -91.2466</a>
Hunter-Lab	<a href="#">79.2259, -42.1609, 3.4221</a>

# Details

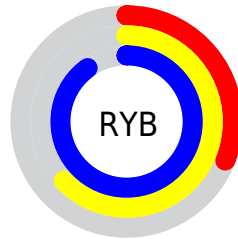
The Hex color **4EE6D0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E64E64**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **90FFFF**, and **00AE9A** is the 20% darker color. If you saturate the color by 10%, you get **37E6CD**, and if you desaturate by 10%, it is **65E6D3**.

# Distribution



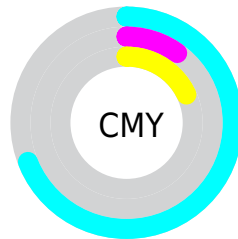
- Red (31%)
- Green (90%)
- Blue (82%)



- Red (31%)
- Yellow (63%)
- Blue (90%)



- Cyan (66%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (69%)
- Magenta (10%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EE6D0 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 4EE6D0 by changing the saturation by 10% instead.



 4EE6D0

 4EE6D0

FFFFFF

 22C9B4

 90FFFF

 00AE9A

 AFFFFFFF

 009280

 CDFFFF

 007867

 ECFFFF

 005E4F

 004638

 002F23

 00140E

 000000

 4EE6D0

 4EE6D0

 37E6CD

 65E6D3

 20E6C9

 7CE6D7

 09E6C6

 93E6DA

 00E6C5

 AAE6DD

 C1E6E1

 D8E6E4

 EFE6E7

 FFE6EB

 FFE6EE

# Harmonies

## Analogous

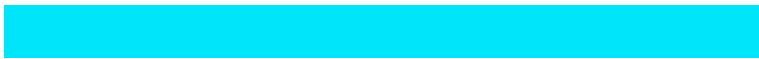
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AE2A6



4EE6D0



00E5FA

# Triad

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



4EE6D0



D7C4FF



FFBF87

# Complementary

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



4EE6D0



E64E64

# 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.



FFB3A6



4EE6D0



FFB6F9

# Square

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



4EE6D0



94D3FF



FFAFCF



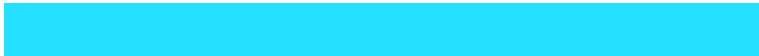
E9CE7A

# Rectangle

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



4EE6D0



25E1FF



FFAFCF



FFBA8F



# Sweetspot

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



4EE6D0



CCFFF8



65E64E



61807B



000000



808080



# Same Dimension

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



4EE6D0



36FFE2



4EB1E6



677371



00B399



00332C



# Inverse Universe

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



E64E64



FF3653



E6834E



736769



B3001A

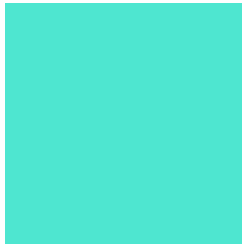


330007



# Previews

## White Background



This preview shows how the Hex color 4EE6D0 looks on a white background.

## Color Contrast Check

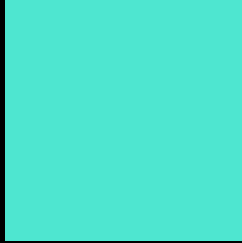
Large Text (above 18pt) WCAG AA × Fail

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 4EE6D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

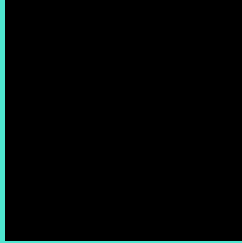
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

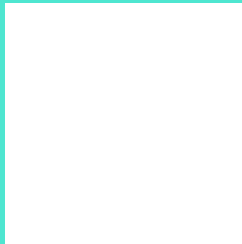
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4EE6D0 Background



This preview shows how black text looks on a background with the Hex color 4EE6D0.



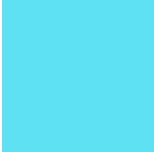
This preview shows how white text looks on a background with the Hex color 4EE6D0.

# 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



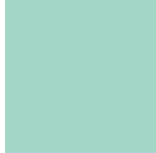


**Tritanopia**  
5EE1F3

# Trichromacy



**Original Color**  
4EE6D0



**Protanomaly**  
A3D6C7



**Deuteranomaly**  
AAD3D4

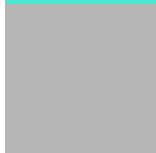


**Tritanomaly**  
58E3E6

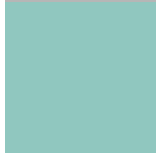
# Monochromacy



**Original Color**  
4EE6D0



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
90C7BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EE6D0 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 #4EE6D0 looks like.

```
.text, #text, p{  
    color:#4EE6D0  
}
```

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 #4EE6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE6D0
}
```

## Border

The CSS property to change the border of an element to Hex 4EE6D0 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
#4EE6D0 }
```

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

```
.border{ border-color:#4EE6D0 }
```

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

Here you see how a box with a 4 pixel #4EE6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE6D0; -webkit-box-shadow:4px 4px  
4px 4px #4EE6D0; box-shadow:4px 4px 4px  
4px #4EE6D0 }
```

# Background

The CSS property to change the background color of an element to Hex 4EE6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE6D0 }
```

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

```
.background{ background-color:#4EE6D0 }
```

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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