

Converting Colors

Hex(4EE6E2)

Have a look what the booklet for
Hex(4EE6E2) contains.

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Color

Hex(4EE6E2)

Conversions

Conversions Part 1

Format	Color
Hex	4EE6E2
RGB	78, 230, 226
RGB Percent	31%, 90%, 89%
CMY	0.6941, 0.0980, 0.1137
CMYK	0.66, 0.00, 0.02, 0.10
HSL	178°, 75%, 60%
HSV	178°, 66%, 90%
XYZ	45.1662, 63.7043, 81.8672
YIQ	184.0960, -89.3080, -33.4680

Conversions

Conversions Part 2

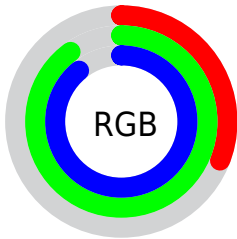
Format	Color
RYB	78, 155, 230
Decimal	5170914
CIELab	83.81, -40.05, -9.77
CIELCh	84, 41.221, 193.718
Yxy	63.7043, 0.2368, 0.3340
Android (android.graphics.Color)	4283360994 (0xFF4EE6E2)
YUV	184.0960, 20.6587, -93.0462
Hunter-Lab	79.8150, -38.6656, -4.9440

Details

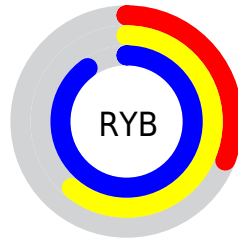
The Hex color **4EE6E2** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E64E52**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **91FFFF**, and **00AEAB** is the 20% darker color. If you saturate the color by 10%, you get **37E6E1**, and if you desaturate by 10%, it is **65E6E3**.

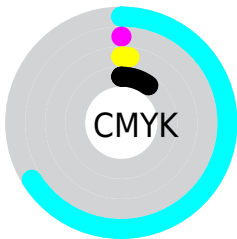
Distribution



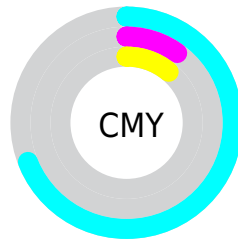
- Red (31%)
- Green (90%)
- Blue (89%)



- Red (31%)
- Yellow (61%)
- Blue (90%)



- Cyan (66%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (69%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EE6E2 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 4EE6E2 by changing the saturation by 10% instead.

 4EE6E2

FFFFFF

 91FFFF

 B0FFFF

 CFFFFFF

 EEEFFF

 4EE6E2

 1FCAC6

 00AEAB

 009390

 007877

 005F5E

 004646

 002F30

 00171C

 000000

 4EE6E2

 4EE6E2

 37E6E1

 65E6E3

 20E6E1

 7CE6E3

 09E6E0

 93E6E4

 00E6E0

 AAE6E4

 C1E6E5

 D8E6E6

 EFE6E6

 FFE6E7

Harmonies

Analogous

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



7EE4BA



4EE6E2



42E3FF

Triad

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



4EE6E2



ECC1FF



FEC787

Complementary

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



4EE6E2



E64E52

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.



FFBB9D



4EE6E2



FFB6E8

Square

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



4EE6E2



B7CFFF



FFB3C0



D9D485

Rectangle

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



4EE6E2



63DEFF



FFB3C0



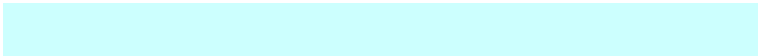
FFC38C

Sweetspot

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



4EE6E2



CCFFFE



53E64E



61807F



000000



808080

Same Dimension

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



4EE6E2



36FFFA



4E9FE6



677372



00B3AE



003332

Inverse Universe

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



E64E52



FF363B



E6954E



736768



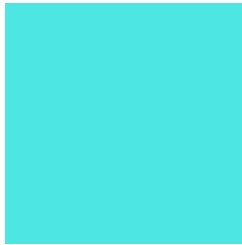
B30005



330001

Previews

White Background



This preview shows how the Hex color 4EE6E2 looks on a white background.

Color Contrast Check

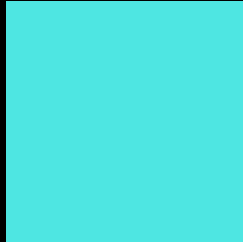
Large Text (above 18pt) WCAG AA × Fail

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 4EE6E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

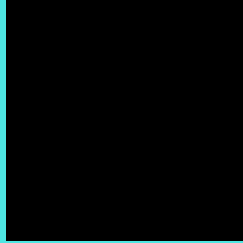
Any Text WCAG AA ✓ Pass

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 4EE6E2 Background



This preview shows how black text looks on a background with the Hex color 4EE6E2.

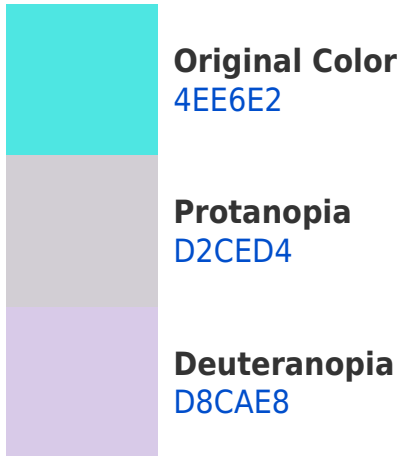


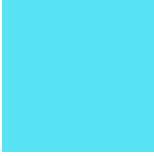
This preview shows how white text looks on a background with the Hex color 4EE6E2.

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
58E3F5

Trichromacy



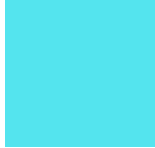
Original Color
4EE6E2



Protanomaly
A2D7D9



Deuteranomaly
A6D4E6

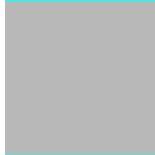


Tritanomaly
54E4EE

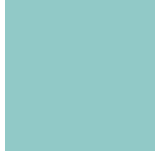
Monochromacy



Original Color
4EE6E2



Achromatopsia
B8B8B8



Achromatomaly
91C9C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EE6E2 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 #4EE6E2 looks like.

```
.text, #text, p{  
    color:#4EE6E2  
}
```

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 #4EE6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE6E2
}
```

Border

The CSS property to change the border of an element to Hex 4EE6E2 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
#4EE6E2 }
```

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

```
.border{ border-color:#4EE6E2 }
```

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

Here you see how a box with a 4 pixel #4EE6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE6E2; -webkit-box-shadow:4px 4px  
4px 4px #4EE6E2; box-shadow:4px 4px 4px  
4px #4EE6E2 }
```

Background

The CSS property to change the background color of an element to Hex 4EE6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE6E2 }
```

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

```
.background{ background-color:#4EE6E2 }
```

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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