

# Converting Colors

Hex(47E6D7)

Have a look what the booklet for  
Hex(47E6D7) contains.

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**Color**

**Hex(47E6D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47E6D7
RGB	71, 230, 215
RGB Percent	28%, 90%, 84%
CMY	0.7216, 0.0980, 0.1569
CMYK	0.69, 0.00, 0.07, 0.10
HSL	174°, 76%, 59%
HSV	174°, 69%, 90%
XYZ	43.1611, 62.8395, 74.1444
YIQ	180.7490, -89.9490, -38.3730

# Conversions

## Conversions Part 2

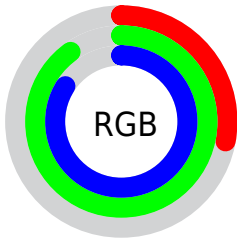
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 154, 230
Decimal	4712151
CIELab	83.36, -43.95, -4.65
CIELCh	83, 44.196, 186.038
Yxy	62.8395, 0.2396, 0.3488
Android (android.graphics.Color)	4282902231 (0xFF47E6D7)
YUV	180.7490, 16.8857, -96.2499
Hunter-Lab	79.2714, -41.5366, 0.0346

# Details

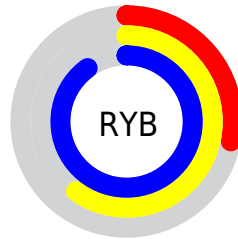
The Hex color **47E6D7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E64756**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8BFFFF**, and **00AEA0** is the 20% darker color. If you saturate the color by 10%, you get **30E6D5**, and if you desaturate by 10%, it is **5EE6D9**.

# Distribution



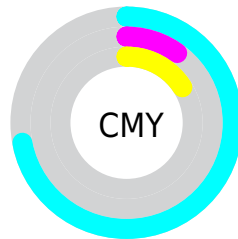
- Red (28%)
- Green (90%)
- Blue (84%)



- Red (28%)
- Yellow (60%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47E6D7 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 47E6D7 by changing the saturation by 10% instead.



 47E6D7

 47E6D7

FFFFFF

 0FCABB

 8BFFFF

 00AEA0

 ABFFFF

 009386

 CAFFFF

 00786D

 E9FFFF

 005E55

 00463E

 002F28

 001514

 000000

 47E6D7

 47E6D7

 30E6D5

 5EE6D9

 19E6D3

 75E6DB

 02E6D0

 8CE6DE

 00E6D0

 A3E6E0

 BAE6E2

 D1E6E4

 E8E6E6

 FFE6E8

 FFE6EB

# Harmonies

## Analogous

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



83E3AD



47E6D7



0AE4FF

# Triad

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



47E6D7



DFC2FF



FFC284

# Complementary

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



47E6D7



E64756

# 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.



FFB5A1



47E6D7



FFB4F2

# Square

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



47E6D7



A1D1FF



FFAFC9



E3D07C

# Rectangle

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



47E6D7



3BE0FF



FFAFC9



FFBD8C

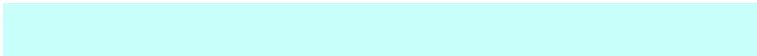


# Sweetspot

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



47E6D7



C9FFFA



57E647



60807C



000000



808080



# Same Dimension

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



47E6D7



2BFFEB



47A6E6



677372



00B3A2



00332E



# Inverse Universe

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



E64756



FF2B3F



E68747



736768



B30011

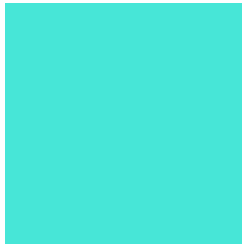


330005



# Previews

## White Background



This preview shows how the Hex color 47E6D7 looks on a white background.

## Color Contrast Check

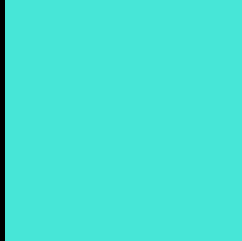
Large Text (above 18pt) WCAG AA × Fail

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 47E6D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

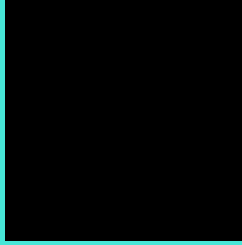
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

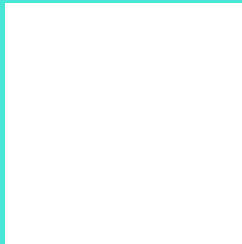
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47E6D7 Background



This preview shows how black text looks on a background with the Hex color 47E6D7.

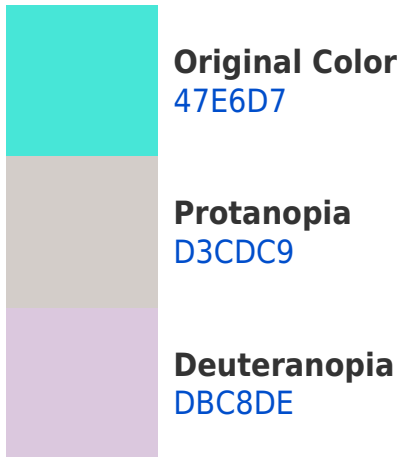


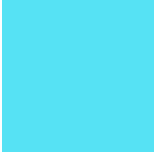
This preview shows how white text looks on a background with the Hex color 47E6D7.

# 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**  
56E2F4

# Trichromacy



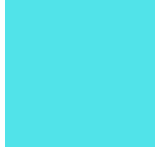
**Original Color**  
47E6D7



**Protanomaly**  
A0D6CE



**Deuteranomaly**  
A5D3DB

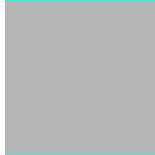


**Tritanomaly**  
51E3E9

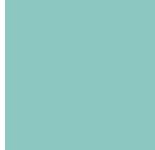
# Monochromacy



**Original Color**  
47E6D7



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
8DC7C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47E6D7 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 #47E6D7 looks like.

```
.text, #text, p{  
    color:#47E6D7  
}
```

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 #47E6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E6D7
}
```

## Border

The CSS property to change the border of an element to Hex 47E6D7 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
#47E6D7 }
```

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

```
.border{ border-color:#47E6D7 }
```

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

Here you see how a box with a 4 pixel #47E6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E6D7; -webkit-box-shadow:4px 4px  
4px 4px #47E6D7; box-shadow:4px 4px 4px  
4px #47E6D7 }
```

# Background

The CSS property to change the background color of an element to Hex 47E6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E6D7 }
```

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

```
.background{ background-color:#47E6D7 }
```

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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