

Converting Colors

Hex(46E6D3)

Have a look what the booklet for
Hex(46E6D3) contains.

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Color

Hex(46E6D3)

Conversions

Conversions Part 1

Format	Color
Hex	46E6D3
RGB	70, 230, 211
RGB Percent	27%, 90%, 83%
CMY	0.7255, 0.0980, 0.1725
CMYK	0.70, 0.00, 0.08, 0.10
HSL	173°, 76%, 59%
HSV	173°, 70%, 90%
XYZ	42.5805, 62.5989, 71.4666
YIQ	179.9940, -89.2610, -39.8290

Conversions

Conversions Part 2

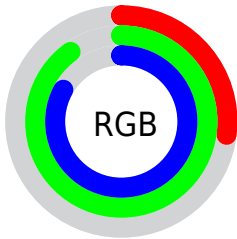
Format	Color
RYB	70, 155, 230
Decimal	4646611
CIELab	83.23, -45.13, -2.72
CIELCh	83, 45.217, 183.453
Yxy	62.5989, 0.2410, 0.3544
Android (android.graphics.Color)	4282836691 (0xFF46E6D3)
YUV	179.9940, 15.2860, -96.4647
Hunter-Lab	79.1194, -42.3940, 1.8285

Details

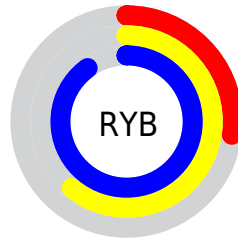
The Hex color **46E6D3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E64659**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8AFFFF**, and **00AE9D** is the 20% darker color. If you saturate the color by 10%, you get **2FE6D0**, and if you desaturate by 10%, it is **5DE6D6**.

Distribution



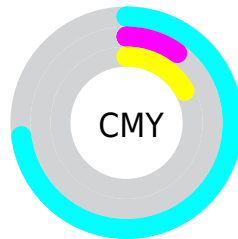
- Red (27%)
- Green (90%)
- Blue (83%)



- Red (27%)
- Yellow (61%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (73%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46E6D3 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 46E6D3 by changing the saturation by 10% instead.

 46E6D3

 46E6D3


FFFFFF

 0DC9B7

 8AFFFF

 00AE9D

 AAFFFF

 009283

 C9FFFF

 007869

 E8FFFF

 005E51

 00463B

 002F25

 001411

 000000

 46E6D3

 46E6D3

 2FE6D0

 5DE6D6

 18E6CE

 74E6D8

 01E6CB

 8BE6DB

 00E6CB

 A2E6DE

 B9E6E1

 D0E6E3

 E7E6E6

 FEE6E9

 FFE6EC

Harmonies

Analogous

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



85E3A8



46E6D3



00E5FD

Triad

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



46E6D3



DBC2FF



FFC084

Complementary

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



46E6D3



E64659

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.



FFB3A3



46E6D3



FFB4F6

Square

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



46E6D3



99D2FF



FFAECC



E6CE79

Rectangle

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



46E6D3



25E1FF



FFAECC



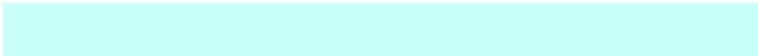
FFBB8C

Sweetspot

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



46E6D3



C9FFF9



5BE646



60807C



000000



808080

Same Dimension

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



46E6D3



2BFFE6



46ABE6



677371



00B39D



00332D

Inverse Universe

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



E64659



FF2B44



E68146



736769



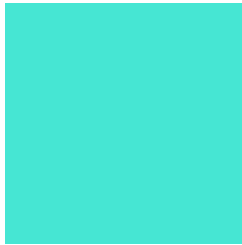
B30015



330006

Previews

White Background



This preview shows how the Hex color 46E6D3 looks on a white background.

Color Contrast Check

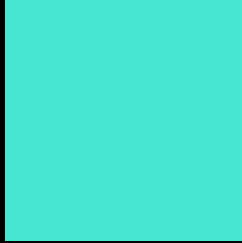
Large Text (above 18pt) WCAG AA × Fail

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 46E6D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

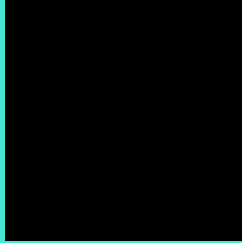
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

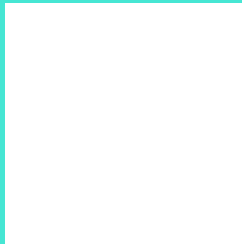
Any Text WCAG AAA ✓ Pass

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

Hex 46E6D3 Background



This preview shows how black text looks on a background with the Hex color 46E6D3.

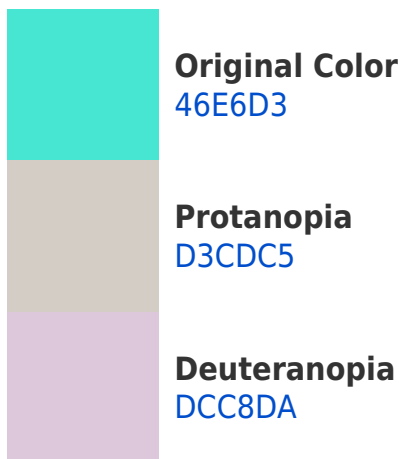


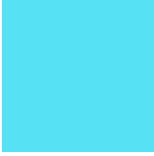
This preview shows how white text looks on a background with the Hex color 46E6D3.

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



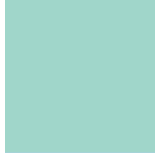


Tritanopia
57E1F4

Trichromacy



Original Color
46E6D3



Protanomaly
A0D6CA



Deuteranomaly
A5D3D7

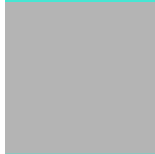


Tritanomaly
51E3E8

Monochromacy



Original Color
46E6D3



Achromatopsia
B4B4B4



Achromatomaly
8CC6BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 46E6D3 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 #46E6D3 looks like.

```
.text, #text, p{  
    color:#46E6D3  
}
```

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 #46E6D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46E6D3
}
```

Border

The CSS property to change the border of an element to Hex 46E6D3 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
#46E6D3 }
```

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

```
.border{ border-color:#46E6D3 }
```

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

Here you see how a box with a 4 pixel #46E6D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46E6D3; -webkit-box-shadow:4px 4px  
4px 4px #46E6D3; box-shadow:4px 4px 4px  
4px #46E6D3 }
```

Background

The CSS property to change the background color of an element to Hex 46E6D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46E6D3 }
```

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

```
.background{ background-color:#46E6D3 }
```

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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