

Converting Colors

Hex(42E7E6)

Have a look what the booklet for
Hex(42E7E6) contains.

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Color

Hex(42E7E6)

Conversions

Conversions Part 1

Format	Color
Hex	42E7E6
RGB	66, 231, 230
RGB Percent	26%, 91%, 90%
CMY	0.7412, 0.0941, 0.0980
CMYK	0.71, 0.00, 0.00, 0.09
HSL	180°, 77%, 58%
HSV	180°, 71%, 91%
XYZ	45.1056, 64.0232, 84.8433
YIQ	181.5510, -98.0190, -35.2910

Conversions

Conversions Part 2

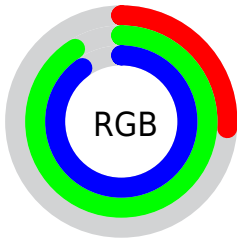
Format	Color
R _{YB}	66, 149, 231
Decimal	4384742
CIE _{Lab}	83.98, -40.94, -11.67
CIE _{LCh}	84, 42.566, 195.906
Y _{xy}	64.0232, 0.2325, 0.3301
Android (android.graphics.Color)	4282574822 (0xFF42E7E6)
YUV	181.5510, 23.8854, -101.3382
Hunter-Lab	80.0145, -39.4018, -6.8579

Details

The Hex color **42E7E6** 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 **E74243**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **89FFFF**, and **00AFAF** is the 20% darker color. If you saturate the color by 10%, you get **2BE7E6**, and if you desaturate by 10%, it is **59E7E6**.

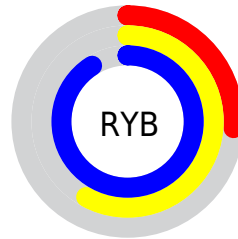
Distribution



Red (26%)

Green (91%)

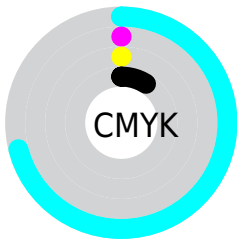
Blue (90%)



Red (26%)

Yellow (58%)

Blue (91%)

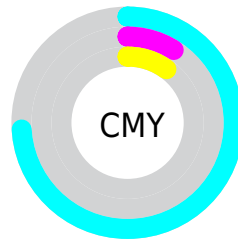


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (74%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42E7E6 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 42E7E6 by changing the saturation by 10% instead.

 42E7E6

FFFFFF

 89FFFF

 A9FFFF


 C9FFFF

 E8FFFF

 42E7E6

 00CBCA

 00AFAF

 009494

 00797A

 006061

 00474A

 003033

 00171E

 000003

42E7E6

42E7E6

2BE7E6

59E7E6

14E7E6

70E7E6

00E7E6

87E7E6

9EE7E7

B6E7E7

CDE7E7

E4E7E7

FBE7E7

FFE7E7

Harmonies

Analogous

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



77E6BD



42E7E6



39E3FF

Triad

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



42E7E6



F1BFFF



FDC884

Complementary

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



42E7E6



E74243

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.



FFBB9A



42E7E6



FFB5E6

Square

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



42E7E6



BACEFF



FFB3BD



D7D683

Rectangle

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



42E7E6



61DEFF



FFB3BD



FFC489

Sweetspot

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



42E7E6



C9FFFF



45E742



60807F



000000



808080

Same Dimension

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



42E7E6



24FFFE



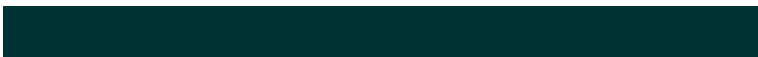
4297E7



677373



00B3B1



003333

Inverse Universe

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



E74243



FF2425



E79242



736767



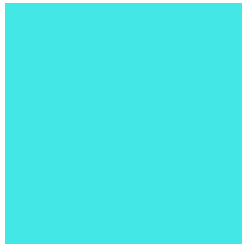
B30001



330000

Previews

White Background



This preview shows how the Hex color 42E7E6 looks on a white background.

Color Contrast Check

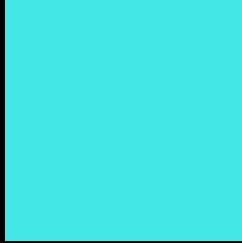
Large Text (above 18pt) WCAG AA × Fail

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 42E7E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

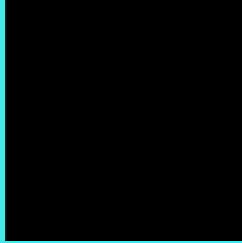
Any Text WCAG AA ✓ Pass

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 42E7E6 Background



This preview shows how black text looks on a background with the Hex color 42E7E6.

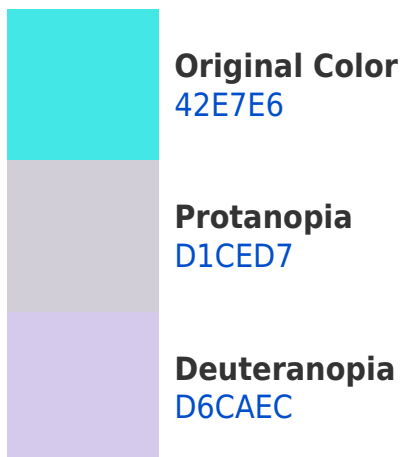


This preview shows how white text looks on a background with the Hex color 42E7E6.

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
4DE4F7

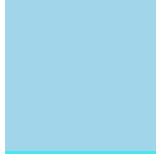
Trichromacy



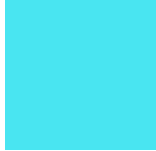
Original Color
42E7E6



Protanomaly
9DD7DC



Deuteranomaly
A0D5EA

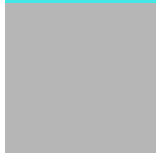


Tritanomaly
49E5F1

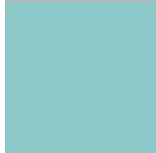
Monochromacy



Original Color
42E7E6



Achromatopsia
B6B6B6



Achromatomaly
8CC8C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 42E7E6 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 #42E7E6 looks like.

```
.text, #text, p{  
    color:#42E7E6  
}
```

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 #42E7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42E7E6
}
```

Border

The CSS property to change the border of an element to Hex 42E7E6 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
#42E7E6 }
```

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

```
.border{ border-color:#42E7E6 }
```

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

Here you see how a box with a 4 pixel #42E7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42E7E6; -webkit-box-shadow:4px 4px  
4px 4px #42E7E6; box-shadow:4px 4px 4px  
4px #42E7E6 }
```

Background

The CSS property to change the background color of an element to Hex 42E7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42E7E6 }
```

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

```
.background{ background-color:#42E7E6 }
```

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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