

Converting Colors

Hex(5FE5E4)

Have a look what the booklet for
Hex(5FE5E4) contains.

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Color

Hex(5FE5E4)

Conversions

Conversions Part 1

Format	Color
Hex	5FE5E4
RGB	95, 229, 228
RGB Percent	37%, 90%, 89%
CMY	0.6275, 0.1020, 0.1059
CMYK	0.59, 0.00, 0.00, 0.10
HSL	180°, 72%, 64%
HSV	180°, 59%, 90%
XYZ	46.7422, 64.0730, 83.3025
YIQ	188.8200, -79.5430, -28.7190

Conversions

Conversions Part 2

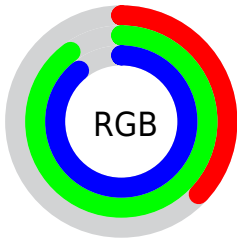
Format	Color
R _Y B	95, 162, 229
Decimal	6284772
CIE Lab	84.00, -36.39, -10.50
CIE LCh	84, 37.872, 196.097
Yxy	64.0730, 0.2408, 0.3301
Android (android.graphics.Color)	4284474852 (0xFF5FE5E4)
YUV	188.8200, 19.3157, -82.2801
Hunter-Lab	80.0456, -35.8456, -5.6705

Details

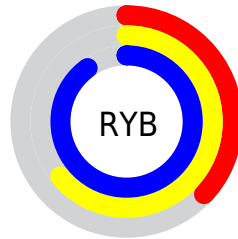
The Hex color **5FE5E4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E55F60**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9EFFFF**, and **00ADAD** is the 20% darker color. If you saturate the color by 10%, you get **48E5E4**, and if you desaturate by 10%, it is **76E5E4**.

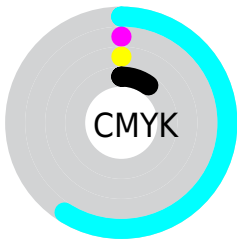
Distribution



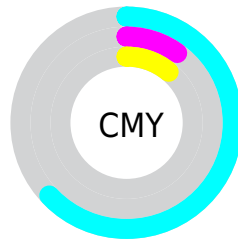
- Red (37%)
- Green (90%)
- Blue (89%)



- Red (37%)
- Yellow (64%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE5E4 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 5FE5E4 by changing the saturation by 10% instead.

 5FE5E4

FFFFFF

 9EFFFF

 BCFFFF

 DBFFFF

 F9FFFF

 5FE5E4

 3BC9C8

 00ADAD

 009292

 007878

 005E60

 004648

 002F32

 00171D

 000000

 5FE5E4

 5FE5E4

 48E5E4

 76E5E4

 31E5E4

 8DE5E4

 1AE5E3

 A4E5E5

 03E5E3

 BBE5E5

 00E5E3

 D2E5E5

 E8E5E5

 FFE5E5

 FFE5E6

Harmonies

Analogous

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



84E4BF



5FE5E4



5DE2FF

Triad

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



5FE5E4



EEC2FF



F9CA8D

Complementary

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



5FE5E4



E55F60

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.



FFBEA0



5FE5E4



FFB8E4

Square

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



5FE5E4



BFCEFF



FFB7BF



D7D58C

Rectangle

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



5FE5E4



77DDFF



FFB7BF



FFC591

Sweetspot

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



5FE5E4



D1FFFF



61E55F



63807F



000000



808080

Same Dimension

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



5FE5E4



4DFFFE



5FA4E5



677373



00B3B1



003333

Inverse Universe

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



E55F60



FF4D4E



E5A05F



736767



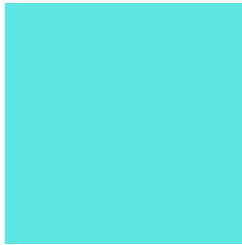
B30001



330000

Previews

White Background



This preview shows how the Hex color 5FE5E4 looks on a white background.

Color Contrast Check

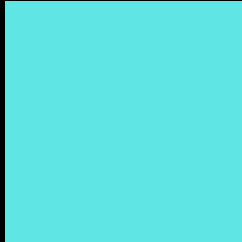
Large Text (above 18pt) WCAG AA × Fail

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 5FE5E4 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 5FE5E4 Background



This preview shows how black text looks on a background with the Hex color 5FE5E4.

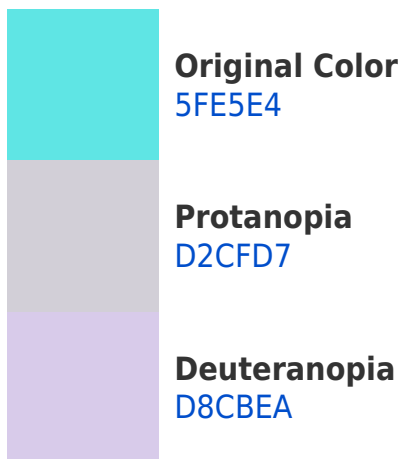


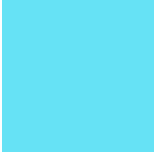
This preview shows how white text looks on a background with the Hex color 5FE5E4.

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
66E2F5

Trichromacy



Original Color
5FE5E4



Protanomaly
A8D7DC



Deuteranomaly
ACD4E8

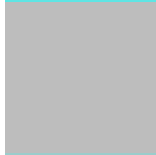


Tritanomaly
63E3EF

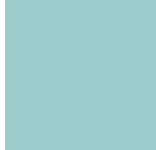
Monochromacy



Original Color
5FE5E4



Achromatopsia
BDBDBD



Achromatomaly
9BCCCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE5E4 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 #5FE5E4 looks like.

```
.text, #text, p{  
    color:#5FE5E4  
}
```

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 #5FE5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE5E4
}
```

Border

The CSS property to change the border of an element to Hex 5FE5E4 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
#5FE5E4 }
```

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

```
.border{ border-color:#5FE5E4 }
```

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

Here you see how a box with a 4 pixel #5FE5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE5E4; -webkit-box-shadow:4px 4px  
4px 4px #5FE5E4; box-shadow:4px 4px 4px  
4px #5FE5E4 }
```

Background

The CSS property to change the background color of an element to Hex 5FE5E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE5E4 }
```

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

```
.background{ background-color:#5FE5E4 }
```

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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