

Converting Colors

Hex(3FE5C5)

Have a look what the booklet for
Hex(3FE5C5) contains.

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Color

Hex(3FE5C5)

Conversions

Conversions Part 1

Format	Color
Hex	3FE5C5
RGB	63, 229, 197
RGB Percent	25%, 90%, 77%
CMY	0.7529, 0.1020, 0.2275
CMYK	0.72, 0.00, 0.14, 0.10
HSL	168°, 76%, 57%
HSV	168°, 72%, 90%
XYZ	40.1473, 61.1266, 62.5060
YIQ	175.7180, -88.6640, -45.1440

Conversions

Conversions Part 2

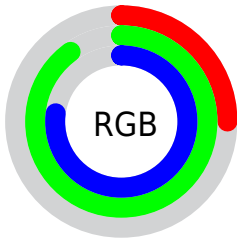
Format	Color
RYB	63, 155, 229
Decimal	4187589
CIELab	82.45, -49.19, 3.52
CIElCh	82, 49.311, 175.912
Yxy	61.1266, 0.2451, 0.3732
Android (android.graphics.Color)	4282377669 (0xFF3FE5C5)
YUV	175.7180, 10.4920, -98.8537
Hunter-Lab	78.1835, -45.1613, 7.3274

Details

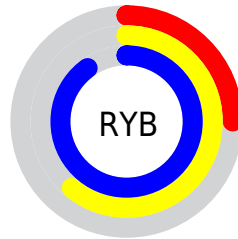
The Hex color **3FE5C5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **E53F5F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **85FFFE**, and **00AD8F** is the 20% darker color. If you saturate the color by 10%, you get **28E5C1**, and if you desaturate by 10%, it is **56E5C9**.

Distribution



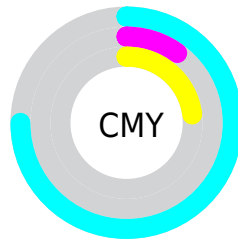
- Red (25%)
- Green (90%)
- Blue (77%)



- Red (25%)
- Yellow (61%)
- Blue (90%)



- Cyan (72%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (75%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FE5C5 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 3FE5C5 by changing the saturation by 10% instead.

 3FE5C5

 3FE5C5

FFFFFF

 00C8AA

 85FFFE

 00AD8F

 A5FFFF

 009176

 C4FFFF

 00775D

 E3FFFF

 005D46

 00442F

 002E1A

 001000

 000000

 3FE5C5

 3FE5C5

 28E5C1

 56E5C9

 11E5BC

 6DE5CE

 00E5B9

 84E5D2

 9BE5D7

 B2E5DB

 C8E5DF

 DFE5E4

 F6E5E8

 FFE5ED

Harmonies

Analogous

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



8AE098



3FE5C5



00E5F4

Triad

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



3FE5C5



C8C4FF



FFB882

Complementary

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



3FE5C5



E53F5F

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.



FFABA7



3FE5C5



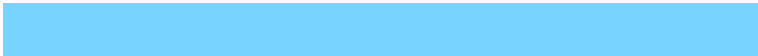
FFB3FF

Square

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



3FE5C5



77D4FF



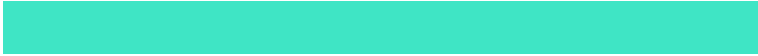
FFA8D5



F0C870

Rectangle

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



3FE5C5



00E2FF



FFA8D5



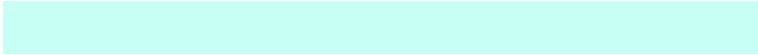
FFB38D

Sweetspot

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



3FE5C5



C7FFF4



60E53F



5E8079



000000



808080

Same Dimension

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



3FE5C5



21FFD4



3FB3E5



677371



00B390



003329

Inverse Universe

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



E53F5F



FF214C



E5713F



736769



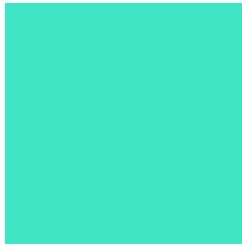
B30022



33000A

Previews

White Background



This preview shows how the Hex color 3FE5C5 looks on a white background.

Color Contrast Check

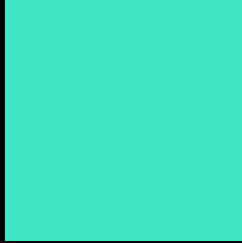
Large Text (above 18pt) WCAG AA × Fail

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 3FE5C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

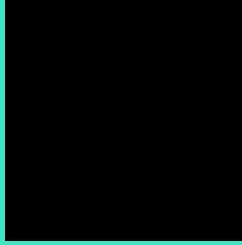
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

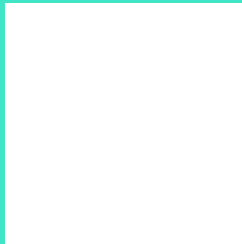
Any Text WCAG AAA ✓ Pass

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

Hex 3FE5C5 Background



This preview shows how black text looks on a background with the Hex color 3FE5C5.

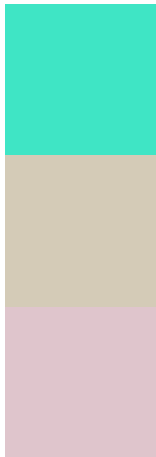


This preview shows how white text looks on a background with the Hex color 3FE5C5.

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](#).

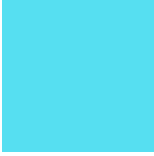
Dichromacy



Original Color
3FE5C5

Protanopia
D4CBB7

Deuteranopia
DFC5CC



Tritanopia
56DFF1

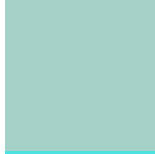
Trichromacy



Original Color
3FE5C5



Protanomaly
9ED4BC



Deuteranomaly
A5D1C9

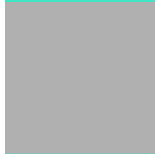


Tritanomaly
4EE1E1

Monochromacy



Original Color
3FE5C5



Achromatopsia
B0B0B0



Achromatomaly
87C3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FE5C5 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 #3FE5C5 looks like.

```
.text, #text, p{  
    color:#3FE5C5  
}
```

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 #3FE5C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FE5C5
}
```

Border

The CSS property to change the border of an element to Hex 3FE5C5 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
#3FE5C5 }
```

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

```
.border{ border-color:#3FE5C5 }
```

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

Here you see how a box with a 4 pixel #3FE5C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FE5C5; -webkit-box-shadow:4px 4px  
4px 4px #3FE5C5; box-shadow:4px 4px 4px  
4px #3FE5C5 }
```

Background

The CSS property to change the background color of an element to Hex 3FE5C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FE5C5 }
```

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

```
.background{ background-color:#3FE5C5 }
```

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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