

Converting Colors

Hex(3FE4F2)

Have a look what the booklet for
Hex(3FE4F2) contains.

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Color

Hex(3FE4F2)

Conversions

Conversions Part 1

Format	Color
Hex	3FE4F2
RGB	63, 228, 242
RGB Percent	25%, 89%, 95%
CMY	0.7529, 0.1059, 0.0510
CMYK	0.74, 0.06, 0.00, 0.05
HSL	185°, 87%, 60%
HSV	185°, 74%, 95%
XYZ	45.8203, 62.9544, 93.7408
YIQ	180.2610, -102.8340, -30.6260

Conversions

Conversions Part 2

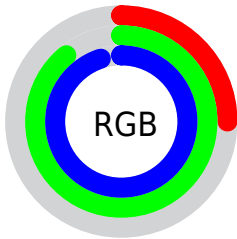
Format	Color
R _Y B	63, 149, 242
Decimal	4187378
CIE Lab	83.42, -36.48, -18.85
CIE LCh	83, 41.059, 207.331
Yxy	62.9544, 0.2263, 0.3109
Android (android.graphics.Color)	4282377458 (0xFF3FE4F2)
YUV	180.2610, 30.4373, -102.8379
Hunter-Lab	79.3438, -35.7695, -14.5076

Details

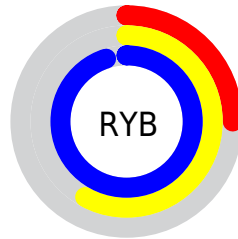
The Hex color **3FE4F2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F24D3F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **88FFFF**, and **00ACBA** is the 20% darker color. If you saturate the color by 10%, you get **27E2F2**, and if you desaturate by 10%, it is **57E6F2**.

Distribution



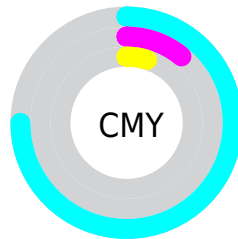
- Red (25%)
- Green (89%)
- Blue (95%)



- Red (25%)
- Yellow (58%)
- Blue (95%)



- Cyan (74%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FE4F2 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 3FE4F2 by changing the saturation by 10% instead.

 3FE4F2

 3FE4F2


FFFFFF

 00C8D6

 88FFFF

 00ACBA

 A9FFFF

 00919F

 C8FFFF

 007785

 E8FFFF

 005E6C

 004553

 002E3C

 001627

 000111

 3FE4F2

 3FE4F2

 27E2F2

 57E6F2

 0FE0F2

 6FE8F2

 00DFF2

 88EAF2

 A0ECF2

 B8EDF2

 D0EFF2

 E8F1F2

 FFF3F2

 FFF5F2

Harmonies

Analogous

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



67E5CB



3FE4F2



56DFFF

Triad

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



3FE4F2



FEBAFA



EDCC82

Complementary

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



3FE4F2



F24D3F

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.



FFBF90



3FE4F2



FFB2D5

Square

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



3FE4F2



D0C7FF



FFB5AE



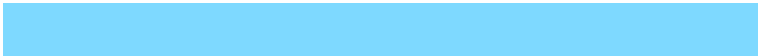
C5D88A

Rectangle

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



3FE4F2



7ED9FF



FFB5AE



F8C885

Sweetspot

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



3FE4F2



C7FBFF



3FF24B



5E7D80



000000



808080

Same Dimension

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



3FE4F2



1CEDFF



3F8DF2



6C7778



00A9B8



003438

Inverse Universe

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



F23FE4



FF1CED



F2A43F



786C77



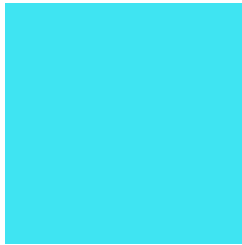
B800A9



380034

Previews

White Background



This preview shows how the Hex color 3FE4F2 looks on a white background.

Color Contrast Check

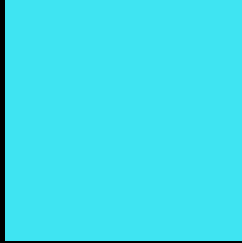
Large Text (above 18pt) WCAG AA × Fail

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 3FE4F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

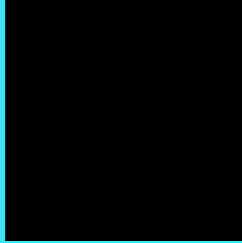
Any Text WCAG AA ✓ Pass

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 3FE4F2 Background



This preview shows how black text looks on a background with the Hex color 3FE4F2.

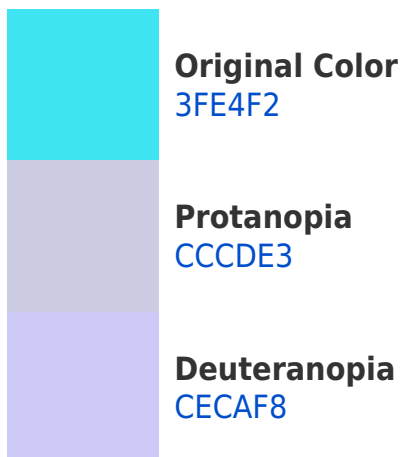


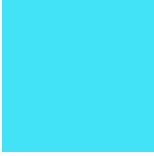
This preview shows how white text looks on a background with the Hex color 3FE4F2.

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



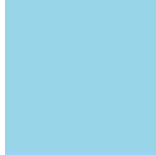


Tritanopia
42E3F6

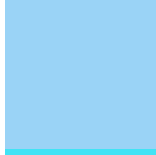
Trichromacy



Original Color
3FE4F2



Protanomaly
99D5E8



Deuteranomaly
9AD3F6

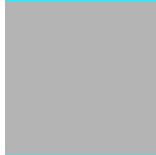


Tritanomaly
41E3F5

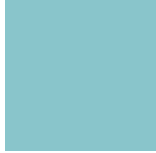
Monochromacy



Original Color
3FE4F2



Achromatopsia
B4B4B4



Achromatomaly
89C5CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FE4F2 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 #3FE4F2 looks like.

```
.text, #text, p{  
    color:#3FE4F2  
}
```

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 #3FE4F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FE4F2
}
```

Border

The CSS property to change the border of an element to Hex 3FE4F2 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
#3FE4F2 }
```

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

```
.border{ border-color:#3FE4F2 }
```

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

Here you see how a box with a 4 pixel #3FE4F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FE4F2; -webkit-box-shadow:4px 4px  
4px 4px #3FE4F2; box-shadow:4px 4px 4px  
4px #3FE4F2 }
```

Background

The CSS property to change the background color of an element to Hex 3FE4F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FE4F2 }
```

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

```
.background{ background-color:#3FE4F2 }
```

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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