

# Converting Colors

Hex(7FDEF3)

Have a look what the booklet for  
Hex(7FDEF3) contains.

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# **Color**

**Hex(7FDEF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FDEF3
RGB	127, 222, 243
RGB Percent	50%, 87%, 95%
CMY	0.5020, 0.1294, 0.0471
CMYK	0.48, 0.09, 0.00, 0.05
HSL	191°, 83%, 73%
HSV	191°, 48%, 95%
XYZ	51.0513, 63.2256, 94.3071
YIQ	195.9890, -63.3610, -13.6090

# Conversions

## Conversions Part 2

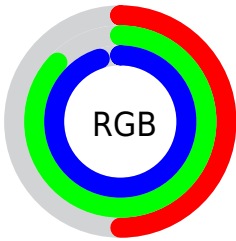
Format	Color
R <sub>Y</sub> B	127, 179, 243
Decimal	8380147
CIE Lab	83.56, -22.71, -18.99
CIE LCh	84, 29.599, 219.905
Yxy	63.2256, 0.2448, 0.3031
Android (android.graphics.Color)	4286570227 (0xFF7FDEF3)
YUV	195.9890, 23.1764, -60.5034
Hunter-Lab	79.5146, -24.5468, -14.6599

# Details

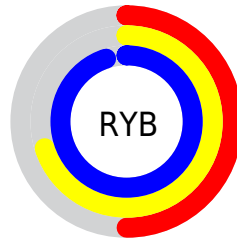
The Hex color **7FDEF3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F3947F**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BAFFFF**, and **42A7BB** is the 20% darker color. If you saturate the color by 10%, you get **67DAF3**, and if you desaturate by 10%, it is **97E2F3**.

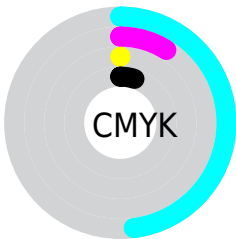
# Distribution



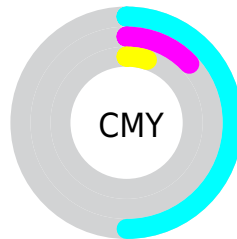
- Red (50%)
- Green (87%)
- Blue (95%)



- Red (50%)
- Yellow (70%)
- Blue (95%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (13%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FDEF3 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 7FDEF3 by changing the saturation by 10% instead.



 7FDEF3

 7FDEF3

FFFFFF

 61C2D7

 BAFFFF

 42A7BB

 D7FFFF

 1B8CA0

 F5FFFF

 007286

 005A6C

 004254

 002B3D

 001627

 000112

 7FDEF3

 7FDEF3

 67DAF3

 97E2F3

 4ED5F3

 B0E7F3

 36D1F3

 C8EBF3

 1ECCF3

 E0F0F3

 06C8F3

 F8F4F3

 00C7F3

 FFF8F3

 FFFDF3

 FFFFF3

# Harmonies

## Analogous

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



84E0D9



7FDEF3



95D8FF

# Triad

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



7FDEF3



FCBEE4



DBD199

# Complementary

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



7FDEF3



F3947F

# 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.



F5C89D



7FDEF3



FFBCC8

# Square

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



7FDEF3



E0C6FB



FFC0AE



BCD9A5

# Rectangle

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



7FDEF3



AED3FF



FFC0AE



E5CE99

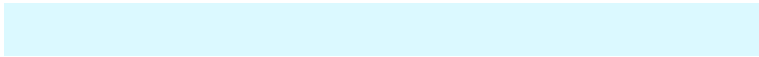


# Sweetspot

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



7FDEF3



DBF9FF



7FF392



6A7C80



000000



808080

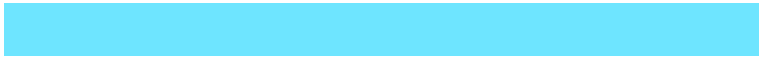


# Same Dimension

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



7FDEF3



6EE5FF



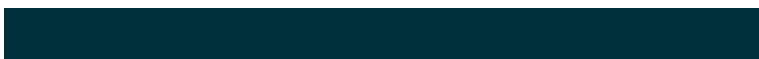
7FA6F3



6E787A



0098BA



00303B



# Inverse Universe

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



F37FDE



FF6EE5



F3CC7F



7A6E78



BA0098

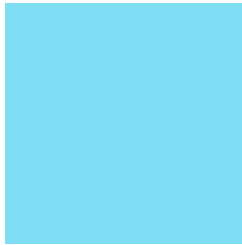


3B0030



# Previews

## White Background



This preview shows how the Hex color 7FDEF3 looks on a white background.

## Color Contrast Check

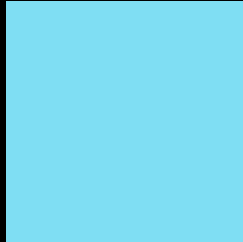
Large Text (above 18pt) WCAG AA × Fail

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 7FDEF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

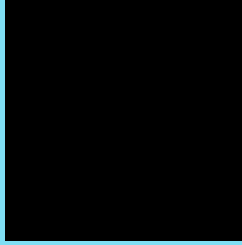
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FDEF3 Background



This preview shows how black text looks on a background with the Hex color 7FDEF3.

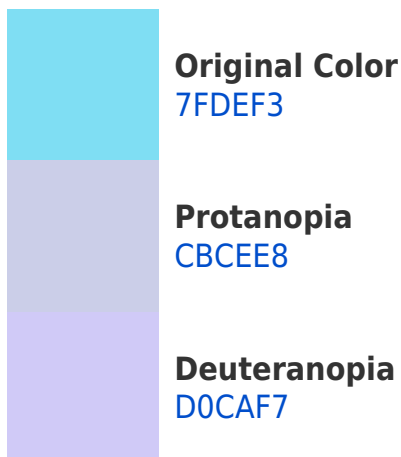


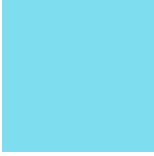
This preview shows how white text looks on a background with the Hex color 7FDEF3.

# 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

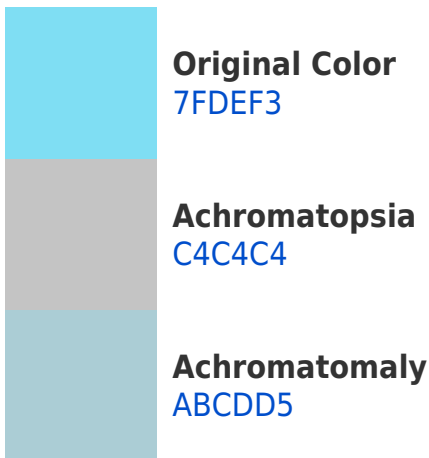




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FDEF3 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 #7FDEF3 looks like.

```
.text, #text, p{  
    color:#7FDEF3  
}
```

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 #7FDEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDEF3
}
```

## Border

The CSS property to change the border of an element to Hex 7FDEF3 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
#7FDEF3 }
```

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

```
.border{ border-color:#7FDEF3 }
```

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

Here you see how a box with a 4 pixel #7FDEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDEF3; -webkit-box-shadow:4px 4px  
4px 4px #7FDEF3; box-shadow:4px 4px 4px  
4px #7FDEF3 }
```

# Background

The CSS property to change the background color of an element to Hex 7FDEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDEF3 }
```

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

```
.background{ background-color:#7FDEF3 }
```

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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