

# Converting Colors

Hex(3EFDDE)

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

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# Color

**Hex(3EFDDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EFDDE
RGB	62, 253, 222
RGB Percent	24%, 99%, 87%
CMY	0.7569, 0.0078, 0.1294
CMYK	0.75, 0.00, 0.12, 0.01
HSL	170°, 98%, 62%
HSV	170°, 75%, 99%
XYZ	50.2967, 76.5486, 81.2317
YIQ	192.3570, -103.8850, -50.1330

# Conversions

## Conversions Part 2

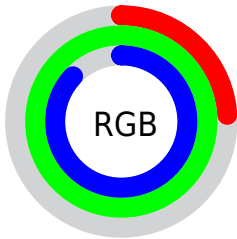
Format	Color
R <sub>YB</sub>	62, 166, 253
Decimal	4128222
CIE Lab	90.11, -52.96, 1.56
CIE LCh	90, 52.984, 178.311
Yxy	76.5486, 0.2417, 0.3679
Android (android.graphics.Color)	4282318302 (0xFF3EFDDE)
YUV	192.3570, 14.6140, -114.3231
Hunter-Lab	87.4921, -50.4965, 6.1969

# Details

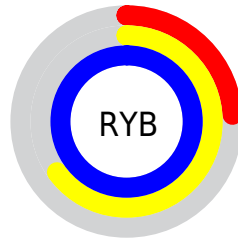
The Hex color **3EFDDE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FD3E5D**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **89FFFF**, and **00C3A7** is the 20% darker color. If you saturate the color by 10%, you get **25FDDA**, and if you desaturate by 10%, it is **57FDE2**.

# Distribution



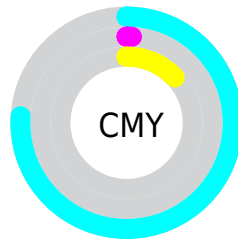
- Red (24%)
- Green (99%)
- Blue (87%)



- Red (24%)
- Yellow (65%)
- Blue (99%)



- Cyan (75%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (76%)
- Magenta (1%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 3EFDDE

 3EFDDE

FFFFFF

 00E0C2

 89FFFF

 00C3A7

 AAFFFF

 00A78D

 CAFFFF

 008C73

 EAFFFF

 00725B

 005843

 003F2D

 002919

 000100

 3EFDDE

 3EFDDE

 25FDDA

 57FDE2

 0BFDD6

 71FDE6

 00FDD4

 8AFDEA

 A3FDEE

 BCFDF3

 D6FDF7

 EFFDFB

 FFFDFE

# Harmonies

## Analogous

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



94F8AC



3EFDDE



00FCFF

# Triad

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



3EFDDE



E3D7FF



FFCD8E

# Complementary

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



3EFDDE



FD3E5D

# 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.



FFBEB5



3EFDDE



FFC4FF

# Square

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



3EFDDE



8DE9FF



FFBAE8



FFDF7C

# Rectangle

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



3EFDDE



00F9FF



FFBAE8



FFC799

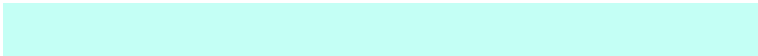


# Sweetspot

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



3EFDDE



C4FFF5



5EFD3E



5C807A



000000



808080



# Same Dimension

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



3EFDDE



17FFD9



3EBDFD



73807D



00BFA0



004035



# Inverse Universe

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



FD3E5D



FF173D



FD7E3E



807375



BF001F

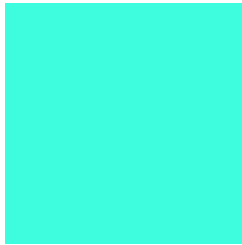


40000A



# Previews

## White Background



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

## Color Contrast Check

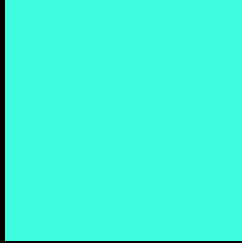
Large Text (above 18pt) WCAG AA × Fail

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 3EFDDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

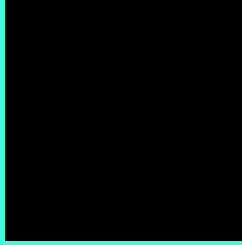
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

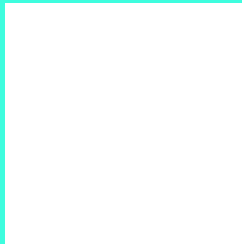
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EFDDE Background



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

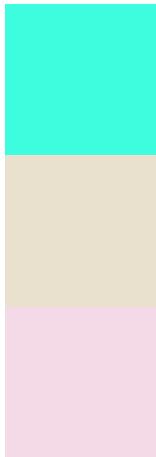


This preview shows how white text looks on a background with the Hex color 3EFDDE.

# 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](#).

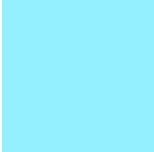
## Dichromacy



**Original Color**  
3EFDDE

**Protanopia**  
E9E0CE

**Deuteranopia**  
F4DAE6

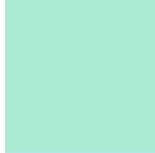


**Tritanopia**  
92F0FF

# Trichromacy



**Original Color**  
3EFDDE



**Protanomaly**  
ABEBD4



**Deuteranomaly**  
B2E7E3

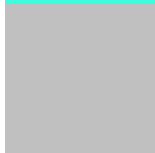


**Tritanomaly**  
73F5F3

# Monochromacy



**Original Color**  
3EFDDE



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
91D6CB

# CSS Examples

## Text

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

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

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 #3EFDDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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