

Converting Colors

Hex(DEFEFE)

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

Hex(DEFEFE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DEFEFE)

Conversions

Conversions Part 1

Format	Color
Hex	DEFEFE
RGB	222, 254, 254
RGB Percent	87%, 100%, 100%
CMY	0.1294, 0.0039, 0.0039
CMYK	0.13, 0.00, 0.00, 0.00
HSL	180°, 94%, 93%
HSV	180°, 13%, 100%
XYZ	83.4554, 93.5690, 107.4280
YIQ	244.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

Format	Color
R _Y B	222, 238, 254
Decimal	14614270
CIE Lab	97.46, -10.26, -3.49
CIE LCh	97, 10.833, 198.781
Yxy	93.5690, 0.2934, 0.3289
Android (android.graphics.Color)	4292804350 (0xFFDEFEFE)
YUV	244.4320, 4.7170, -19.6729
Hunter-Lab	96.7311, -15.2772, 1.8652

Details

The Hex color **DEFEFE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEDEDE**, and the grayscale version is **F4F4F4**.

A 20% lighter version of the original color is **FFFFFF**, and **A7C5C5** is the 20% darker color. If you saturate the color by 10%, you get **C5FEFE**, and if you desaturate by 10%, it is **F7FEFE**.

Distribution



- Red (87%)
- Green (100%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DEFEFE

FFFFFF

 DEFEFE

 C2E1E1

 A7C5C5

 8CAAAA

 729090

 597676

 415D5D

 2A4646

 142F30

 001B1B

 DEFEFE

 DEFEFE

 C5FEFE

 F7FEFE

 ABFEFE

 FFFEFE

 92FEFE

 78FEFE

 5FFEFE

 46FEFE

 2CFEFE

 13FEFE

 00FEFE

Harmonies

Analogous

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



E3FEF3



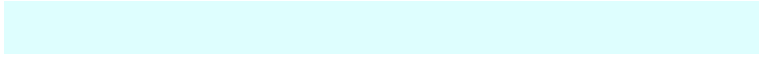
DEFEFE



E0FDFF

Triad

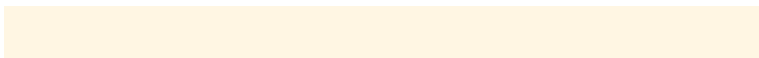
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEFEFE



FFF3FF



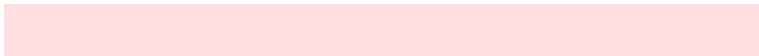
FFF6E3

Complementary

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



DEFEFE



FEDEDE

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.



FFF3E8



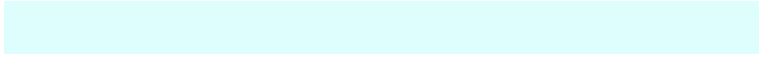
DEFEFE



FFF1FC

Square

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



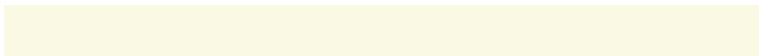
DEFEFE



F5F6FF



FFF1F1



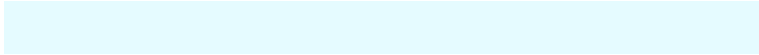
F9F9E4

Rectangle

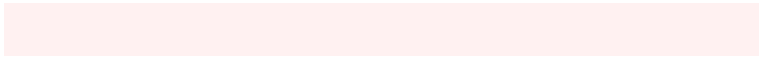
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEFEFE



E5FBFF



FFF1F1



FFF4E4

Sweetspot

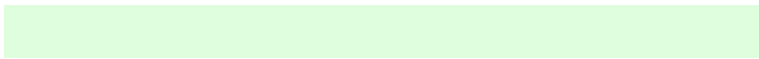
The Sweet Spot groups the original color and five complimentary colors.



DEFEFE



F5FFFF



DEFEDE



798080



000000



808080

Same Dimension

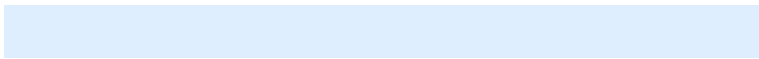
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEFEFE



D9FFFF



DEEEFE



738080



00BFBF



004040

Inverse Universe

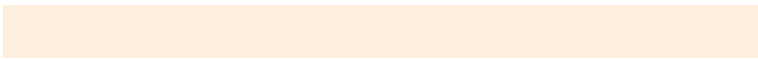
The Inverse Universe completely reimagines the original color for something new.



FEDEFE



FFD9FF



FEEEDE



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color #DEFEFE looks on a white background.

Color Contrast Check

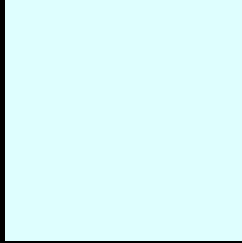
Large Text (above 18pt) WCAG AA × Fail

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 DEFEFE 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 DEFEFE Background



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

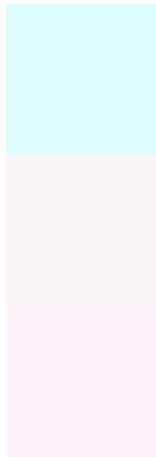


This preview shows how white text looks on a background with the Hex color DEFEFE.

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
DEFEFE

Protanopia
FBF6F9

Deuteranopia
FFF4FB

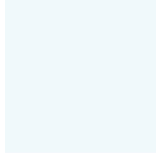


Tritanopia
F1F9FF

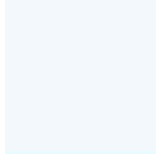
Trichromacy



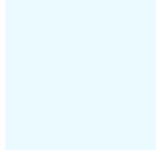
Original Color
DEFEFE



Protanomaly
F0F9FB



Deuteranomaly
F3F8FC

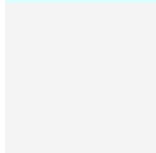


Tritanomaly
EAFBFF

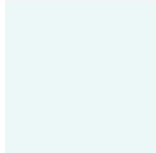
Monochromacy



Original Color
DEFEFE



Achromatopsia
F4F4F4



Achromatomaly
ECF8F8

CSS Examples

Text

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

```
.text, #text, p{  
    color:#DEFEFE  
}
```

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 #DEFEFE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex DEF EFE 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
#DEF EFE }
```

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

```
.border{ border-color:#DEFEFE }
```

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

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

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

Background

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

```
.background, #background, body{  
background:#DEFEFE }
```

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

```
.background{ background-color:#DEFEFE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor