

# Converting Colors

Hex(2EFFDC)

Have a look what the booklet for  
Hex(2EFFDC) contains.

<b>Hex(2EFFDC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(2EFFDC)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EFFDC
RGB	46, 255, 220
RGB Percent	18%, 100%, 86%
CMY	0.8196, 0.0000, 0.1373
CMYK	0.82, 0.00, 0.14, 0.00
HSL	170°, 100%, 59%
HSV	170°, 82%, 100%
XYZ	49.8050, 77.2681, 79.9994
YIQ	188.5190, -113.3290, -55.1930

# Conversions

## Conversions Part 2

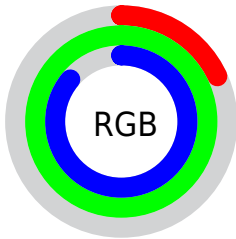
Format	Color
<a href="#">RYB</a>	<a href="#">46, 160, 255</a>
Decimal	<a href="#">3080156</a>
CIELab	<a href="#">90.44, -55.71, 3.06</a>
CIELCh	<a href="#">90, 55.796, 176.861</a>
Yxy	<a href="#">77.2681, 0.2405, 0.3731</a>
Android (android.graphics.Color)	<a href="#">4281270236</a> ( <a href="#">0xFF2EFFDC</a> )
YUV	<a href="#">188.5190, 15.5201, -124.9892</a>
Hunter-Lab	<a href="#">87.9023, -52.6919, 7.5721</a>

# Details

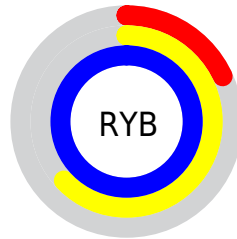
The Hex color **2EFFDC** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF2E51**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **82FFFF**, and **00C5A5** is the 20% darker color. If you saturate the color by 10%, you get **15FFD8**, and if you desaturate by 10%, it is **48FFE0**.

# Distribution



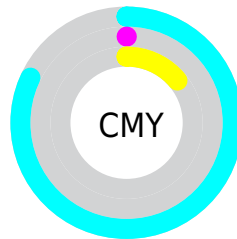
- Red (18%)
- Green (100%)
- Blue (86%)



- Red (18%)
- Yellow (63%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EFFDC 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 2EFFDC by changing the saturation by 10% instead.



 2EFFDC

 2EFFDC

FFFFFF

 00E2C0

 82FFFF

 00C5A5

 A3FFFF

 00A98B

 C4FFFF

 008E71


 E4FFFF

 007359

 005942

 00402C

 002917

 000300

 2EFFDC

 2EFFDC

 15FFD8

 48FFE0

 00FFD4

 61FFE5

 7BFFE9

 94FFED

 AEFFF1

 C7FFF6

 E1FFFA

 FAFFFE

FFFFFF

# Harmonies

## Analogous

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



93FAA7



2EFFDC



00FFFF

# Triad

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



2EFFDC



E0D8FF



FFCC8C

# Complementary

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



2EFFFDC



FF2E51

# 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.



FFBCB6



2EFFDC



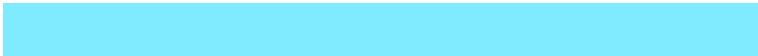
FFC4FF

# Square

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



2EFFDC



80EBFF



FFB9EB



FFDF77

# Rectangle

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



2EFFFDC



00FBFF



FFB9EB



FFC698

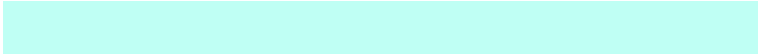


# Sweetspot

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



2EFFFDC



BFFFF4



54FF2E



598079



000000



808080



# Same Dimension

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



2EFFDC



05FFD5



2EBDFE



73807D



00BF9F



004035



# Inverse Universe

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



FF2E51



FF052F



FF702E



807375



BF0020

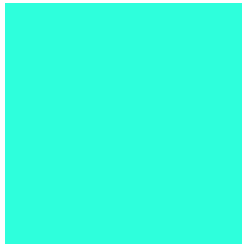


40000B



# Previews

## White Background



This preview shows how the Hex color 2EFFDC looks on a white background.

## Color Contrast Check

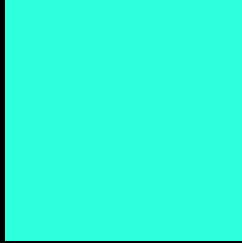
Large Text (above 18pt) WCAG AA × Fail

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 2EFFDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

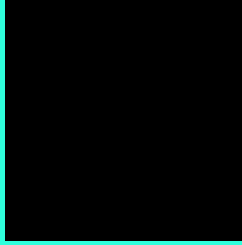
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2EFFDC Background



This preview shows how black text looks on a background with the Hex color 2EFFDC.

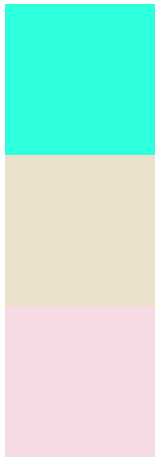


This preview shows how white text looks on a background with the Hex color 2EFFDC.

# 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](#).

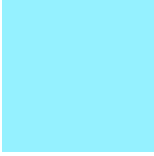
## Dichromacy



**Original Color**  
2EFFDC

**Protanopia**  
EBE1CC

**Deuteranopia**  
F6DAE4

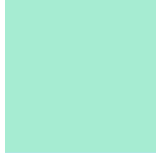


**Tritanopia**  
95F1FF

# Trichromacy



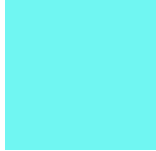
**Original Color**  
2EFFDC



**Protanomaly**  
A6ECD2

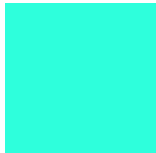


**Deuteranomaly**  
ADE7E1

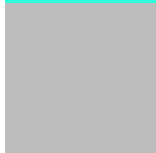


**Tritanomaly**  
70F6F2

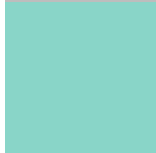
# Monochromacy



**Original Color**  
2EFFDC



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
89D5C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EFFDC 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 #2EFFDC looks like.

```
.text, #text, p{  
    color:#2EFFDC  
}
```

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 #2EFFDC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 2EFFDC 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
#2EFFDC }
```

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

```
.border{ border-color:#2EFFDC }
```

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

Here you see how a box with a 4 pixel #2EFFDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EFFDC; -webkit-box-shadow:4px 4px  
4px 4px #2EFFDC; box-shadow:4px 4px 4px  
4px #2EFFDC }
```

# Background

The CSS property to change the background color of an element to Hex 2EFFDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EFFDC }
```

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

```
.background{ background-color:#2EFFDC }
```

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