

# Converting Colors

Hex(2EFFDE)

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

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# Color

Hex(2EFFDE)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EFFDE
RGB	46, 255, 222
RGB Percent	18%, 100%, 87%
CMY	0.8196, 0.0000, 0.1294
CMYK	0.82, 0.00, 0.13, 0.00
HSL	171°, 100%, 59%
HSV	171°, 82%, 100%
XYZ	50.0715, 77.3748, 81.4030
YIQ	188.7470, -113.9710, -54.5710

# Conversions

## Conversions Part 2

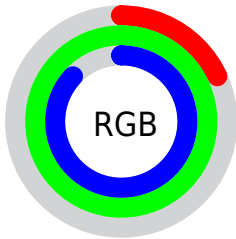
Format	Color
<a href="#">RYB</a>	<a href="#">46, 159, 255</a>
Decimal	<a href="#">3080158</a>
CIELab	<a href="#">90.49, -55.21, 2.09</a>
CIELCh	<a href="#">90, 55.245, 177.831</a>
Yxy	<a href="#">77.3748, 0.2397, 0.3705</a>
Android (android.graphics.Color)	<a href="#">4281270238</a> ( <a href="#">0xFF2EFFDE</a> )
YUV	<a href="#">188.7470, 16.3937, -125.1891</a>
Hunter-Lab	<a href="#">87.9629, -52.3268, 6.7056</a>

# Details

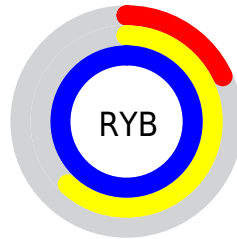
The Hex color **2EFFDE** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF2E4F**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **82FFFF**, and **00C5A7** is the 20% darker color. If you saturate the color by 10%, you get **15FFDA**, and if you desaturate by 10%, it is **48FFE2**.

# Distribution



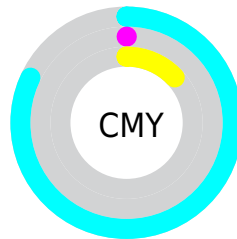
- Red (18%)
- Green (100%)
- Blue (87%)



- Red (18%)
- Yellow (62%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 2EFFDE

 2EFFDE

FFFFFF

 00E2C2

 82FFFF

 00C5A7

 A3FFFF

 00A98D

 C4FFFF

 008E73

 E4FFFF

 00735B

 005943

 00402D

 002A19

 000300

 2EFFDE

 2EFFDE

 15FFDA

 48FFE2

 00FFD7

 61FFE6

 7BFFEA

 94FFEE

 AEFFF2

 C7FFF6

 E1FFFA

 FAFFFE

FFFFFF

# Harmonies

## Analogous

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



92FAA9



2EFFDE



00FEFF

# Triad

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



2EFFDE



E3D7FF



FFCD8B

# Complementary

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



2EFFDE



FF2E4F

# 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.



FFBDB5



2EFFDE



FFC4FF

# Square

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



2EFFDE



86EAFB



FFB9EA



FFDF78

# Rectangle

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



2EFFDE



00BFFF



FFB9EA



FFC797



# Sweetspot

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



2EFFFDE



BFFFF5



51FF2E



598079



000000



808080



# Same Dimension

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



2EFFDE



05FFD8



2EB9FF



73807D



00BFA1



004036



# Inverse Universe

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



FF2E4F



FF052D



FF742E



807375



BF001E

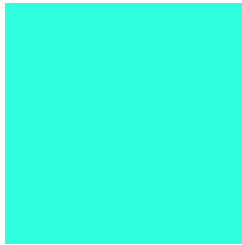


40000A



# Previews

## White Background



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

## Color Contrast Check

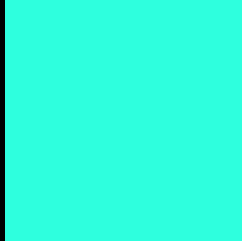
Large Text (above 18pt) WCAG AA × Fail

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 2EFFDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

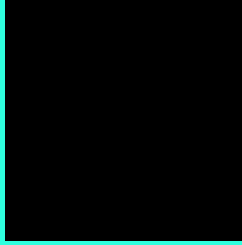
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

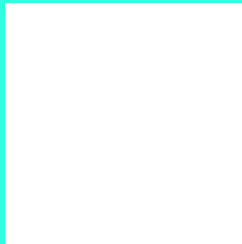
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2EFFDE Background



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



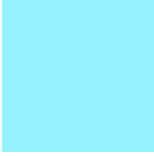
This preview shows how white text looks on a background with the Hex color 2EFFDE.

# 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](#).

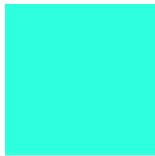
## Dichromacy



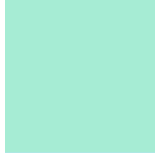


**Tritanopia**  
96F1FF

# Trichromacy



**Original Color**  
2EFFDE



**Protanomaly**  
A6ECD4



**Deuteranomaly**  
ADE8E3

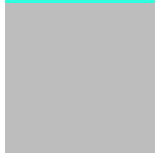


**Tritanomaly**  
70F6F3

# Monochromacy



**Original Color**  
2EFFDE



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
89D5C9

# CSS Examples

## Text

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

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

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 #2EFFDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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