

Converting Colors

Hex(34F2E6)

Have a look what the booklet for
Hex(34F2E6) contains.

Hex(34F2E6)	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(34F2E6)

Conversions

Conversions Part 1

Format	Color
Hex	34F2E6
RGB	52, 242, 230
RGB Percent	20%, 95%, 90%
CMY	0.7961, 0.0510, 0.0980
CMYK	0.79, 0.00, 0.05, 0.05
HSL	176°, 88%, 58%
HSV	176°, 79%, 95%
XYZ	47.4512, 69.9475, 85.8632
YIQ	183.8220, -109.3880, -44.0120

Conversions

Conversions Part 2

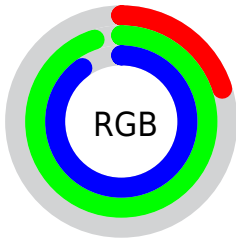
Format	Color
RYB	52, 150, 242
Decimal	3470054
CIELab	86.97, -47.19, -7.24
CIELCh	87, 47.744, 188.722
Yxy	69.9475, 0.2334, 0.3441
Android (android.graphics.Color)	4281660134 (0xFF34F2E6)
YUV	183.8220, 22.7658, -115.6079
Hunter-Lab	83.6346, -45.0862, -2.3256

Details

The Hex color **34F2E6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F23440**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **83FFFF**, and **00B9AF** is the 20% darker color. If you saturate the color by 10%, you get **1CF2E4**, and if you desaturate by 10%, it is **4CF2E8**.

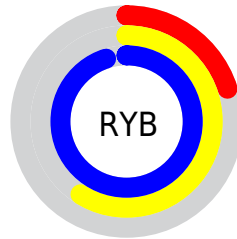
Distribution



Red (20%)

Green (95%)

Blue (90%)



Red (20%)

Yellow (59%)

Blue (95%)

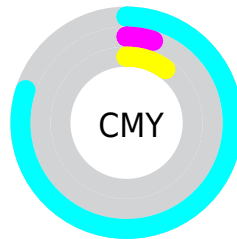


Cyan (79%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (80%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34F2E6 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 34F2E6 by changing the saturation by 10% instead.

 34F2E6

FFFFFF

 83FFFF

 A4FFFF

 C4FFFF

 E4FFFF

 34F2E6

 00D5CA

 00B9AF

 009D94

 00837A

 006962

 004F4A

 003733

 00211E

 000005

 34F2E6

 34F2E6

 1CF2E4

 4CF2E8

 04F2E3

 64F2E9

 00F2E3

 7DF2EB

 95F2EC

 ADF2EE

 C5F2EF

 DDF2F1

 F6F2F2

 FFF2F4

Harmonies

Analogous

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



80EFB7



34F2E6



00F0FF

Triad

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



34F2E6



F0C9FF



FFCC86

Complementary

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



34F2E6



F23440

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.



FFBDA3



34F2E6



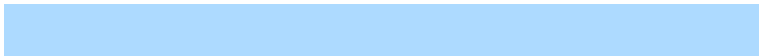
FFBBFC

Square

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



34F2E6



ADDAFF



FFB6CE



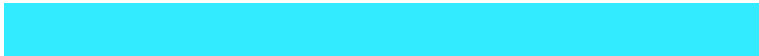
EADB7F

Rectangle

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



34F2E6



32EBFF



FFB6CE



FFC78E

Sweetspot

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



34F2E6



C2FFFB



41F234



5B807D



000000



808080

Same Dimension

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



34F2E6



0FFFF0



34A0F2



6C7877



00B8AC



003835

Inverse Universe

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



F23440



FF0F1E



F28634



786C6D



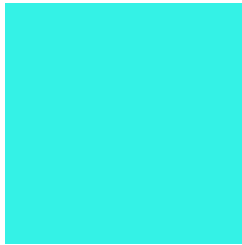
B8000C



380004

Previews

White Background



This preview shows how the Hex color 34F2E6 looks on a white background.

Color Contrast Check

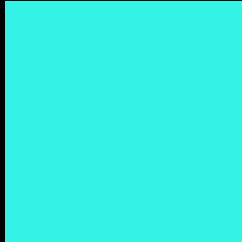
Large Text (above 18pt) WCAG AA × Fail

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 34F2E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

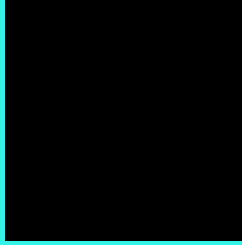
Any Text WCAG AA ✓ Pass

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 34F2E6 Background



This preview shows how black text looks on a background with the Hex color 34F2E6.

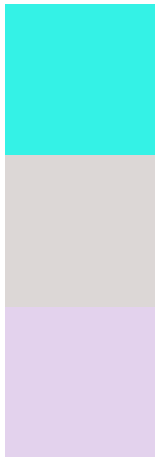


This preview shows how white text looks on a background with the Hex color 34F2E6.

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](#).

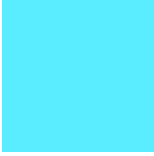
Dichromacy



Original Color
34F2E6

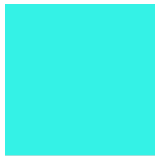
Protanopia
DCD7D6

Deuteranopia
E3D2ED



Tritanopia
5AEDFF

Trichromacy



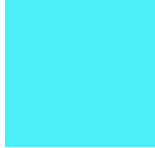
Original Color
34F2E6



Protanomaly
9FE1DC



Deuteranomaly
A3DEEA

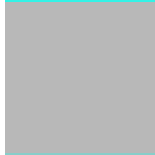


Tritanomaly
4CEFF6

Monochromacy



Original Color
34F2E6



Achromatopsia
B8B8B8



Achromatomaly
88CDC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 34F2E6 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 #34F2E6 looks like.

```
.text, #text, p{  
    color:#34F2E6  
}
```

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 #34F2E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F2E6
}
```

Border

The CSS property to change the border of an element to Hex 34F2E6 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
#34F2E6 }
```

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

```
.border{ border-color:#34F2E6 }
```

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

Here you see how a box with a 4 pixel #34F2E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F2E6; -webkit-box-shadow:4px 4px  
4px 4px #34F2E6; box-shadow:4px 4px 4px  
4px #34F2E6 }
```

Background

The CSS property to change the background color of an element to Hex 34F2E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F2E6 }
```

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

```
.background{ background-color:#34F2E6 }
```

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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