

Converting Colors

Hex(33EEC5)

Have a look what the booklet for
Hex(33EEC5) contains.

Hex(33EEC5)	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(33EEC5)

Conversions

Conversions Part 1

Format	Color
Hex	33EEC5
RGB	51, 238, 197
RGB Percent	20%, 93%, 77%
CMY	0.8000, 0.0667, 0.2275
CMYK	0.79, 0.00, 0.17, 0.07
HSL	167°, 85%, 57%
HSV	167°, 79%, 93%
XYZ	42.0178, 65.8841, 63.3257
YIQ	177.4130, -98.2910, -52.3950

Conversions

Conversions Part 2

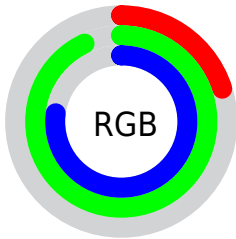
Format	Color
RYB	51, 156, 238
Decimal	3403461
CIELab	84.94, -54.18, 7.09
CIELCh	85, 54.644, 172.549
Yxy	65.8841, 0.2454, 0.3848
Android (android.graphics.Color)	4281593541 (0xFF33EEC5)
YUV	177.4130, 9.6564, -110.8642
Hunter-Lab	81.1690, -49.6438, 10.5620

Details

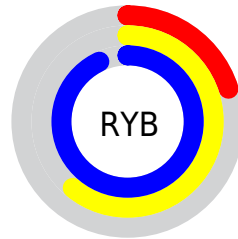
The Hex color **33EEC5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EE335C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **80FFFE**, and **00B58F** is the 20% darker color. If you saturate the color by 10%, you get **1BEEC0**, and if you desaturate by 10%, it is **4BEECA**.

Distribution



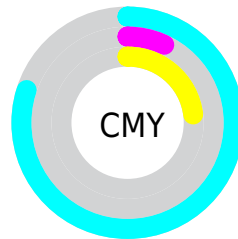
- Red (20%)
- Green (93%)
- Blue (77%)



- Red (20%)
- Yellow (61%)
- Blue (93%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (80%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33EEC5 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 33EEC5 by changing the saturation by 10% instead.

 33EEC5

 33EEC5


FFFFFF

 00D1AA

 80FFFE

 00B58F

 A0FFFF

 009976

 C0FFFF

 007F5D

 DFFFFF

 006445

 004B2F

 00341A

 001A00

 000000

 33EEC5

 33EEC5

 1BEEC0

 4BEECA

 03EEBB

 63EECF

 00EEBA

 7AEED5

 92EEDA

 AAEEDF

 C2EEE4

 DAEEDA

 F1EEEF

 FFEEF4

Harmonies

Analogous

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



90E893



33EEC5



00EEFA

Triad

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



33EEC5



C5CCFF



FFBA84

Complementary

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



33EEC5



EE335C

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.



FFACAF



33EEC5



FFB8FF

Square

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



33EEC5



5EDDFE



FFABE3



FFCD6C

Rectangle

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



33EEC5



00ECFF



FFABE3



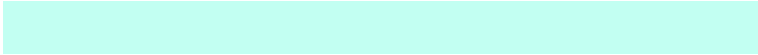
FFB491

Sweetspot

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



33EEC5



C2FFF2



5FEE33



5B8077



000000



808080

Same Dimension

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



33EEC5



0FFFC4



33BCEE



6C7875



00B88F



00382C

Inverse Universe

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



EE335C



FF0F44



EE6533



786C6E



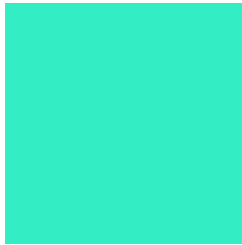
B80028



38000C

Previews

White Background



This preview shows how the Hex color 33EEC5 looks on a white background.

Color Contrast Check

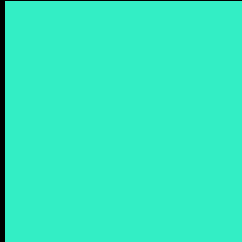
Large Text (above 18pt) WCAG AA × Fail

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 33EEC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

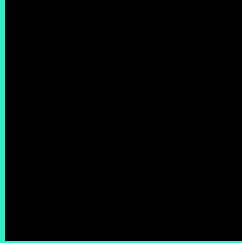
Any Text WCAG AA ✓ Pass

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 33EEC5 Background



This preview shows how black text looks on a background with the Hex color 33EEC5.

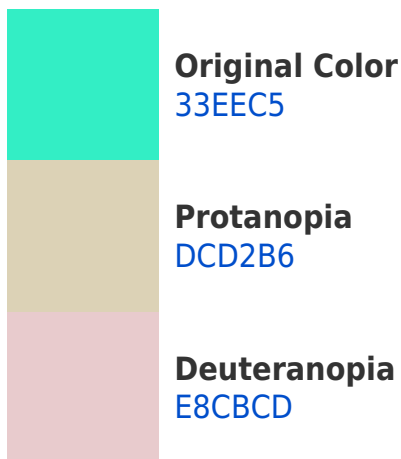


This preview shows how white text looks on a background with the Hex color 33EEC5.

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



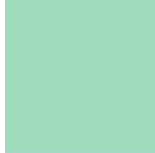


Tritanopia
53E7F9

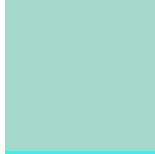
Trichromacy



Original Color
33EEC5



Protanomaly
9FDCBB



Deuteranomaly
A6D8CA

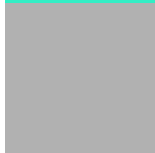


Tritanomaly
47EAE6

Monochromacy



Original Color
33EEC5



Achromatopsia
B1B1B1



Achromatomaly
83C7B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 33EEC5 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 #33EEC5 looks like.

```
.text, #text, p{  
    color:#33EEC5  
}
```

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 #33EEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33EEC5
}
```

Border

The CSS property to change the border of an element to Hex 33EEC5 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
#33EEC5 }
```

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

```
.border{ border-color:#33EEC5 }
```

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

Here you see how a box with a 4 pixel #33EEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33EEC5; -webkit-box-shadow:4px 4px  
4px 4px #33EEC5; box-shadow:4px 4px 4px  
4px #33EEC5 }
```

Background

The CSS property to change the background color of an element to Hex 33EEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33EEC5 }
```

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

```
.background{ background-color:#33EEC5 }
```

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