

Converting Colors

Hex(37EEEE)

Have a look what the booklet for
Hex(37EEEE) contains.

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Color

Hex(37EEEE)

Conversions

Conversions Part 1

Format	Color
Hex	37EEEE
RGB	55, 238, 238
RGB Percent	22%, 93%, 93%
CMY	0.7843, 0.0667, 0.0667
CMYK	0.77, 0.00, 0.00, 0.07
HSL	180°, 84%, 57%
HSV	180°, 77%, 93%
XYZ	47.5827, 68.1343, 91.5323
YIQ	183.2830, -109.0680, -38.7960

Conversions

Conversions Part 2

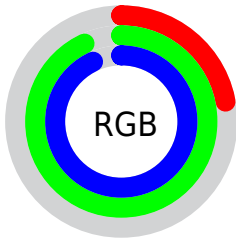
Format	Color
R _Y B	55, 147, 238
Decimal	3665646
CIE Lab	86.07, -42.96, -12.77
CIE LCh	86, 44.814, 196.552
Yxy	68.1343, 0.2296, 0.3288
Android (android.graphics.Color)	4281855726 (0xFF37EEEE)
YUV	183.2830, 26.9755, -112.5042
Hunter-Lab	82.5435, -41.5538, -7.9660

Details

The Hex color **37EEEE** 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 **EE3737**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **85FFFF**, and **00B5B6** is the 20% darker color. If you saturate the color by 10%, you get **1FEEEE**, and if you desaturate by 10%, it is **4FEEEE**.

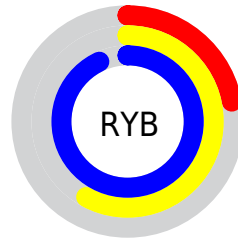
Distribution



Red (22%)

Green (93%)

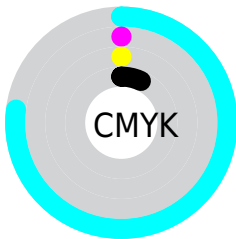
Blue (93%)



Red (22%)

Yellow (58%)

Blue (93%)

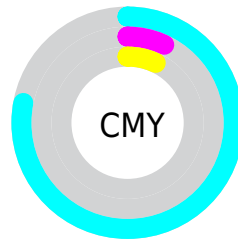


Cyan (77%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (78%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37EEEE 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 37EEEE by changing the saturation by 10% instead.

 37EEEE

 37EEEE

FFFFFF

 00D1D2

 85FFFF

 00B5B6

 A6FFFF

 009A9B

 C6FFFF

 007F81

 E6FFFF

 006668

 004D50

 003539

 001F24

 00010E

 37EEEE

 37EEEE

 1FEEEE

 4FEEEE

 07EEEE

 67EEEE

 00EEEE

 7EEEE

 96EEEE

 AEEEEE

 C6EEEE

 DEEEEE

 F5EEEE

 FFEEEE

Harmonies

Analogous

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



75EDC2



37EEEE



2CEAFF

Triad

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



37EEEE



FAC4FF



FFCE85

Complementary

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



37EEEE



EE3737

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.



FFC09B



37EEEE



FFB8EC

Square

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



37EEEE



C0D3FF



FFB7C1



DCDC85

Rectangle

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



37EEEE



5EE5FF



FFB7C1



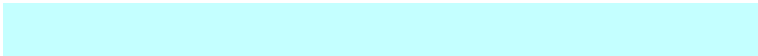
FFC98A

Sweetspot

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



37EEEE



C4FFFF



37EE37



5C8080



000000



808080

Same Dimension

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



37EEEE



14FFFF



3793EE



6C7878



00B8B8



003838

Inverse Universe

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



EE37EE



FF14FF



EE9337



786C78



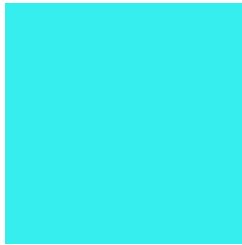
B800B8



380038

Previews

White Background



This preview shows how the Hex color 37EEEE looks on a white background.

Color Contrast Check

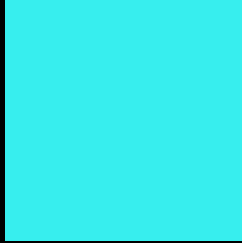
Large Text (above 18pt) WCAG AA × Fail

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 37EEEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

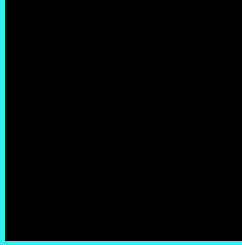
Any Text WCAG AA ✓ Pass

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 37EEEE Background



This preview shows how black text looks on a background with the Hex color 37EEEE.

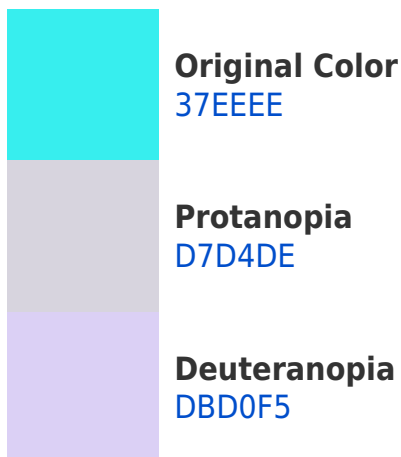


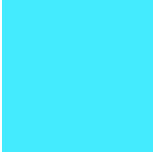
This preview shows how white text looks on a background with the Hex color 37EEEE.

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](#).

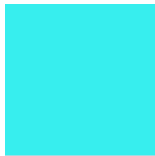
Dichromacy



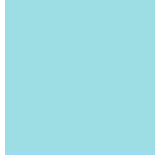


Tritanopia
44EBFF

Trichromacy



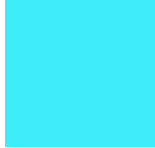
Original Color
37EEEE



Protanomaly
9DDDE4



Deuteranomaly
9FDBF2

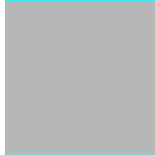


Tritanomaly
3FECF9

Monochromacy



Original Color
37EEEE



Achromatopsia
B7B7B7



Achromatomaly
88CBCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 37EEEE 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 #37EEEE looks like.

```
.text, #text, p{  
  color:#37EEEE  
}
```

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 #37EEEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37EEEE
}
```

Border

The CSS property to change the border of an element to Hex 37EEEE 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
#37EEEE }
```

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

```
.border{ border-color:#37EEEE }
```

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

Here you see how a box with a 4 pixel #37EEEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37EEEE; -webkit-box-shadow:4px 4px  
4px 4px #37EEEE; box-shadow:4px 4px 4px  
4px #37EEEE }
```

Background

The CSS property to change the background color of an element to Hex 37EEEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37EEEE }
```

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

```
.background{ background-color:#37EEEE }
```

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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