

# Converting Colors

Hex(37EDD6)

Have a look what the booklet for  
Hex(37EDD6) contains.

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# Color

**Hex(37EDD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37EDD6
RGB	55, 237, 214
RGB Percent	22%, 93%, 84%
CMY	0.7843, 0.0706, 0.1608
CMYK	0.77, 0.00, 0.10, 0.07
HSL	172°, 83%, 57%
HSV	172°, 77%, 93%
XYZ	43.9973, 66.2356, 74.0842
YIQ	179.9600, -101.0890, -45.7370

# Conversions

## Conversions Part 2

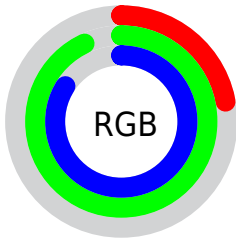
Format	Color
<a href="#">RYB</a>	<a href="#">55, 152, 237</a>
Decimal	<a href="#">3665366</a>
CIELab	<a href="#">85.12, -49.07, -1.57</a>
CIELCh	<a href="#">85, 49.090, 181.832</a>
Yxy	<a href="#">66.2356, 0.2387, 0.3594</a>
Android (android.graphics.Color)	<a href="#">4281855446 (0xFF37EDD6)</a>
YUV	<a href="#">179.9600, 16.7817, -109.5899</a>
Hunter-Lab	<a href="#">81.3853, -45.9261, 2.9986</a>




# Details

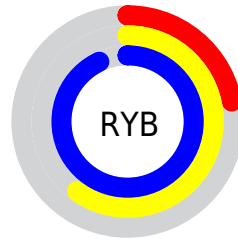
The Hex color **37EDD6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **ED374E**, and the grayscale version is **B4B4B4**.




A 20% lighter version of the original color is **83FFFF**, and **00B49F** is the 20% darker color. If you saturate the color by 10%, you get **1FEDD3**, and if you desaturate by 10%, it is **4FEDD9**.

# Distribution







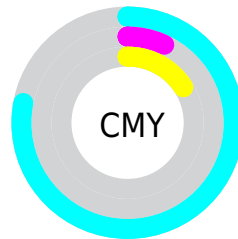
-  Red (22%)
-  Green (93%)
-  Blue (84%)






-  Red (22%)
-  Yellow (60%)
-  Blue (93%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (7%)



-  Cyan (78%)
-  Magenta (7%)
-  Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37EDD6 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 37EDD6 by changing the saturation by 10% instead.



 37EDD6

 37EDD6


FFFFFF

 00D0BA

 83FFFF

 00B49F

 A3FFFF

 009985

 C3FFFF

 007E6C

 E2FFFF

 006454

 004B3D

 003327

 001B13

 000000

 37EDD6

 37EDD6

 1FEDD3

 4FEDD9

 08EDD0

 66EDDC

 00EDCF

 7EEDDF

 96EDE2

 AEED E5

 C5EDE8

 DDEDEB

 F5EDEE

 FFEDF1

# Harmonies

## Analogous

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



86E9A7



37EDD6



00ECFF

# Triad

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



37EDD6



DDC7FF



FFC384

# Complementary

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



37EDD6



ED374E

# 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.



FFB4A6



37EDD6



FFB7FF

# Square

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



37EDD6



92D8FF



FFB0D4



EFD376

# Rectangle

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



37EDD6



00E8FF



FFB0D4



FFBD8D

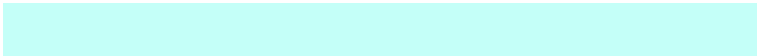


# Sweetspot

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



37EDD6



C4FFF8



4FED37



5C807B



000000



808080



# Same Dimension

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



37EDD6



14FFE1



37AAED



6A7574



00B59E



00362F



# Inverse Universe

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



ED374E



FF1432



ED7A37



756A6B



B50017

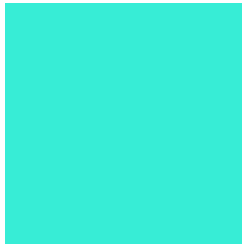


360007



# Previews

## White Background



This preview shows how the Hex color 37EDD6 looks on a white background.

## Color Contrast Check

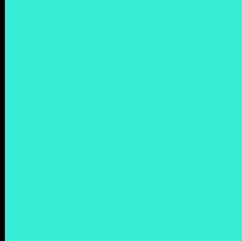
Large Text (above 18pt) WCAG AA × Fail

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 37EDD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

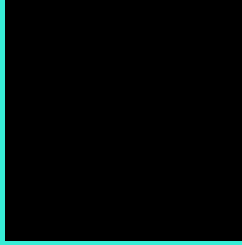
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37EDD6 Background



This preview shows how black text looks on a background with the Hex color 37EDD6.

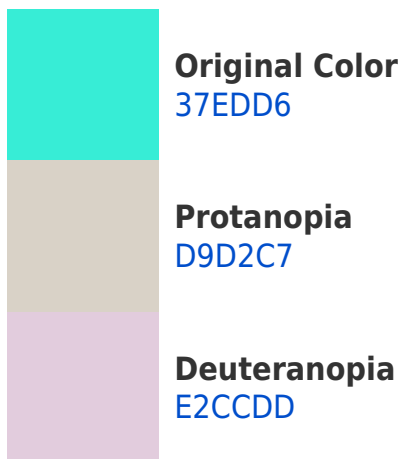


This preview shows how white text looks on a background with the Hex color 37EDD6.

# 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



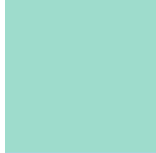


**Tritanopia**  
4FE8FB

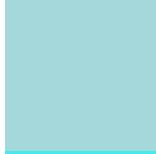
# Trichromacy



**Original Color**  
37EDD6



**Protanomaly**  
9EDCCC

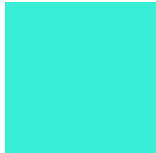


**Deuteranomaly**  
A4D8DA

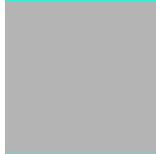


**Tritanomaly**  
46EAEE

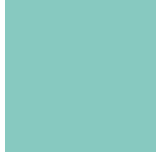
# Monochromacy



**Original Color**  
37EDD6



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
87C9C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37EDD6 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 #37EDD6 looks like.

```
.text, #text, p{  
  color:#37EDD6  
}
```

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 #37EDD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37EDD6
}
```

## Border

The CSS property to change the border of an element to Hex 37EDD6 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
#37EDD6 }
```

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

```
.border{ border-color:#37EDD6 }
```

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

Here you see how a box with a 4 pixel #37EDD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37EDD6; -webkit-box-shadow:4px 4px  
4px 4px #37EDD6; box-shadow:4px 4px 4px  
4px #37EDD6 }
```

# Background

The CSS property to change the background color of an element to Hex 37EDD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37EDD6 }
```

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

```
.background{ background-color:#37EDD6 }
```

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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