

Converting Colors

Hex(37EBAC)

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

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Color

Hex(37EBAC)

Conversions

Conversions Part 1

Format	Color
Hex	37EBAC
RGB	55, 235, 172
RGB Percent	22%, 92%, 67%
CMY	0.7843, 0.0784, 0.3255
CMYK	0.77, 0.00, 0.27, 0.08
HSL	159°, 82%, 57%
HSV	159°, 77%, 92%
XYZ	38.7303, 63.2074, 49.1887
YIQ	173.9980, -87.0570, -57.7530

Conversions

Conversions Part 2

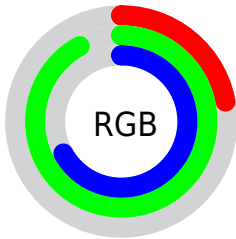
Format	Color
RYB	55, 164, 235
Decimal	3664812
CIELab	83.55, -58.41, 18.18
CIELCh	84, 61.177, 162.713
Yxy	63.2074, 0.2563, 0.4182
Android (android.graphics.Color)	4281854892 (0xFF37EBAC)
YUV	173.9980, -0.9850, -104.3612
Hunter-Lab	79.5031, -52.1734, 18.9694

Details

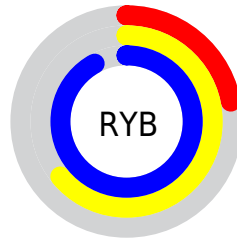
The Hex color **37EBAC** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **EB3776**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **80FFE4**, and **00B278** is the 20% darker color. If you saturate the color by 10%, you get **1FEBA4**, and if you desaturate by 10%, it is **4EEBB4**.

Distribution



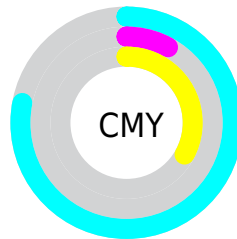
- Red (22%)
- Green (92%)
- Blue (67%)



- Red (22%)
- Yellow (64%)
- Blue (92%)



- Cyan (77%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (78%)
- Magenta (8%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 37EBAC

 37EBAC


FFFFFF

 00CE91

 80FFE4

 00B278

 A0FFFF

 00965F

 BFFFFFF

 007B47

 DFFFFFF

 006130

FEFFFF

 00481A

 003102

 001500

 000000

 37EBAC

 37EBAC

 1FEBA4

 4EEBB4

 08EB9C

 66EBBC

 00EB99

 7DEBC5

 95EBCD

 ACEBD5

 C4EBDD

 DBEBE6

 F3EBEE

 FFEBF6

Harmonies

Analogous

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



9AE378



37EBAC



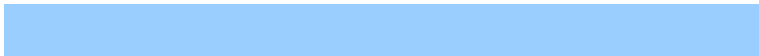
00EDE8

Triad

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



37EBAC



9ACEFF



FFAC85

Complementary

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



37EBAC



EB3776

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.



FF9FBA



37EBAC



F4B7FF

Square

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



37EBAC



00E0FF



FFA4F4



FFC160

Rectangle

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



37EBAC



00ECFF



FFA4F4



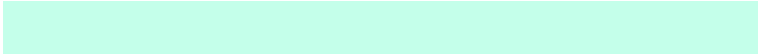
FFA695

Sweetspot

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



37EBAC



C4FFEA



76EB37



5C8073



000000



808080

Same Dimension

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



37EBAC



14FFAD



37D0EB



6A7571



00B576



003623

Inverse Universe

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



EB3776



FF1467



EB5237



756A6E



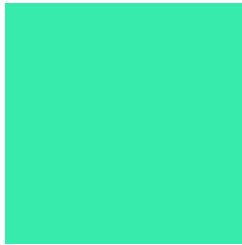
B5003F



360013

Previews

White Background



This preview shows how the Hex color 37EBAC 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 37EBAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

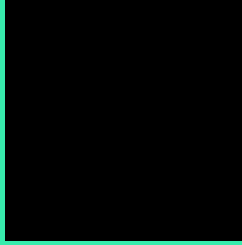
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

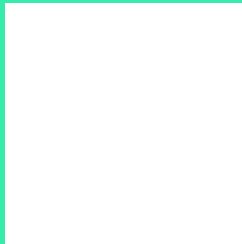
Any Text WCAG AAA ✓ Pass

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

Hex 37EBAC Background



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

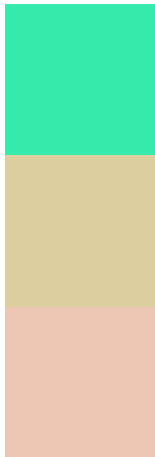


This preview shows how white text looks on a background with the Hex color 37EBAC.

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](#).

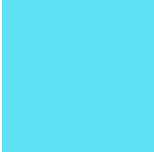
Dichromacy



Original Color
37EBAC

Protanopia
DCCE9E

Deuteranopia
ECC7B4



Tritanopia
5CE2F4

Trichromacy



Original Color
37EBAC



Protanomaly
A0D9A3



Deuteranomaly
AAD4B1

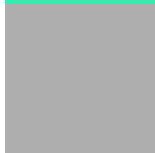


Tritanomaly
4FE5DA

Monochromacy



Original Color
37EBAC



Achromatopsia
AEAEAE



Achromatomaly
83C4AD

CSS Examples

Text

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

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

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 #37EBAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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