

Converting Colors

Hex(37EBA5)

Have a look what the booklet for
Hex(37EBA5) contains.

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Color

Hex(37EBA5)

Conversions

Conversions Part 1

Format	Color
Hex	37EBA5
RGB	55, 235, 165
RGB Percent	22%, 92%, 65%
CMY	0.7843, 0.0784, 0.3529
CMYK	0.77, 0.00, 0.30, 0.08
HSL	157°, 82%, 57%
HSV	157°, 77%, 92%
XYZ	38.0754, 62.9455, 45.7402
YIQ	173.2000, -84.8100, -59.9300

Conversions

Conversions Part 2

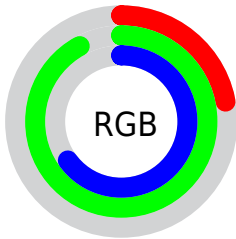
Format	Color
RYB	55, 167, 235
Decimal	3664805
CIELab	83.41, -59.92, 21.62
CIElCh	83, 63.701, 160.164
Yxy	62.9455, 0.2594, 0.4289
Android (android.graphics.Color)	4281854885 (0xFF37EBA5)
YUV	173.2000, -4.0426, -103.6614
Hunter-Lab	79.3382, -53.1774, 21.3547

Details

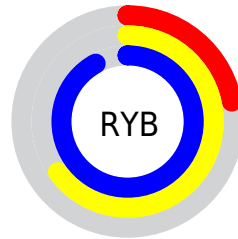
The Hex color **37EBA5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **EB377D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **80FFDC**, and **00B271** is the 20% darker color. If you saturate the color by 10%, you get **1FEB9C**, and if you desaturate by 10%, it is **4EEBAE**.

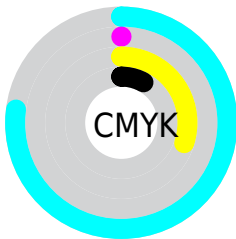
Distribution



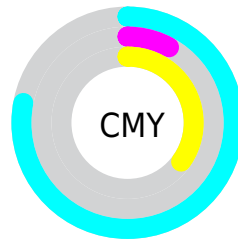
- Red (22%)
- Green (92%)
- Blue (65%)



- Red (22%)
- Yellow (65%)
- Blue (92%)



- Cyan (77%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (78%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37EBA5 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 37EBA5 by changing the saturation by 10% instead.

 37EBA5

 37EBA5

FFFFFF

 00CE8B

 80FFDC

 00B271

 A0FFF9

 009658

 BFFFFFF

 007B40

 DEFFFF

 00612A

FEFFFF

 004814

 003100

 001400

 000000

 37EBA5

 37EBA5

 1FEB9C

 4EEBAE

 08EB93

 66EBB7

 00EB90

 7DEBC0

 95EBCA

 ACEBD3

 C4EBDC

 DBEBE5

 F3EBEE

 FFEBF7

Harmonies

Analogous

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



9EE270



37EBA5



00EEE3

Triad

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



37EBA5



8BCFFF



FFA885

Complementary

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



37EBA5



EB377D

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.



FF9CBE



37EBA5



EFB8FF

Square

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



37EBA5



00E1FF



FFA2FA



FFBE5D

Rectangle

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



37EBA5



00EDFF



FFA2FA



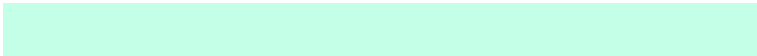
FFA297

Sweetspot

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



37EBA5



C4FFE8



7FEB37



5C8072



000000



808080

Same Dimension

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



37EBA5



14FFA4



37D9EB



6A7571



00B56F



003621

Inverse Universe

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



EB377D



FF1470



EB4937



756A6E



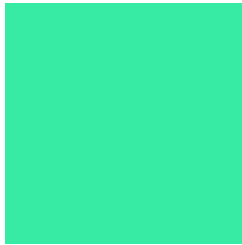
B50046



360015

Previews

White Background



This preview shows how the Hex color 37EBA5 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 37EBA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

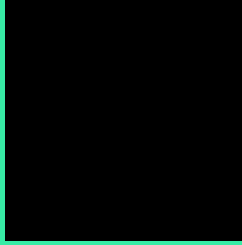
Any Text WCAG AA ✓ Pass

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 37EBA5 Background



This preview shows how black text looks on a background with the Hex color 37EBA5.

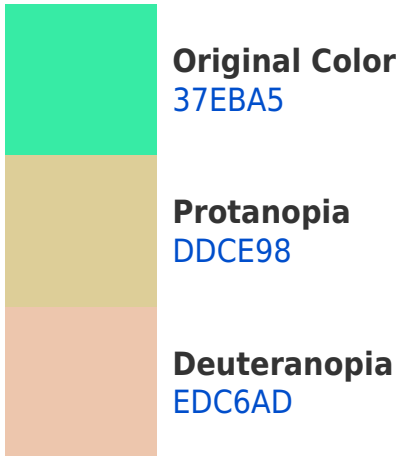


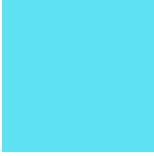
This preview shows how white text looks on a background with the Hex color 37EBA5.

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
5EE1F3

Trichromacy



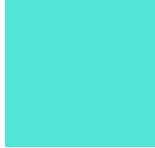
Original Color
37EBA5



Protanomaly
A1D99D



Deuteranomaly
ABD3AA



Tritanomaly
50E5D7

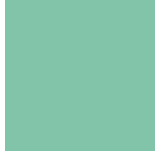
Monochromacy



Original Color
37EBA5



Achromatopsia
ADADAD



Achromatomaly
82C4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 37EBA5 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 #37EBA5 looks like.

```
.text, #text, p{  
    color:#37EBA5  
}
```

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 #37EBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37EBA5
}
```

Border

The CSS property to change the border of an element to Hex 37EBA5 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
#37EBA5 }
```

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

```
.border{ border-color:#37EBA5 }
```

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

Here you see how a box with a 4 pixel #37EBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37EBA5; -webkit-box-shadow:4px 4px  
4px 4px #37EBA5; box-shadow:4px 4px 4px  
4px #37EBA5 }
```

Background

The CSS property to change the background color of an element to Hex 37EBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37EBA5 }
```

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

```
.background{ background-color:#37EBA5 }
```

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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