

Converting Colors

Hex(47EBB5)

Have a look what the booklet for
Hex(47EBB5) contains.

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Color

Hex(47EBB5)

Conversions

Conversions Part 1

Format	Color
Hex	47EBB5
RGB	71, 235, 181
RGB Percent	28%, 92%, 71%
CMY	0.7216, 0.0784, 0.2902
CMYK	0.70, 0.00, 0.23, 0.08
HSL	160°, 80%, 60%
HSV	160°, 70%, 92%
XYZ	40.6474, 64.0925, 53.9448
YIQ	179.8080, -80.4100, -51.5620

Conversions

Conversions Part 2

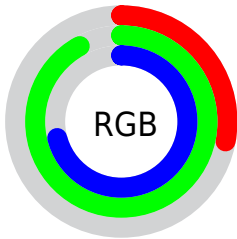
Format	Color
RYB	71, 169, 235
Decimal	4713397
CIELab	84.01, -54.39, 14.18
CIELCh	84, 56.208, 165.386
Yxy	64.0925, 0.2562, 0.4039
Android (android.graphics.Color)	4282903477 (0xFF47EBB5)
YUV	179.8080, 0.5877, -95.4246
Hunter-Lab	80.0578, -49.4721, 16.0894

Details

The Hex color **47EBB5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EB477D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8AFFED**, and **00B280** is the 20% darker color. If you saturate the color by 10%, you get **30EBAD**, and if you desaturate by 10%, it is **5EEBBD**.

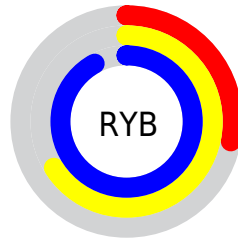
Distribution



Red (28%)

Green (92%)

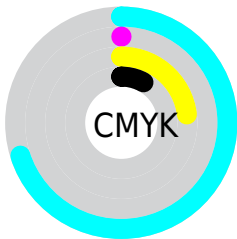
Blue (71%)



Red (28%)

Yellow (66%)

Blue (92%)

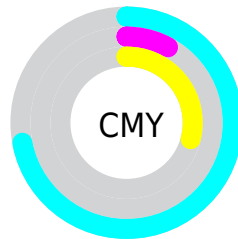


Cyan (70%)

Magenta (0%)

Yellow (23%)

Black (8%)



Cyan (72%)

Magenta (8%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47EBB5 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 47EBB5 by changing the saturation by 10% instead.

 47EBB5

 47EBB5

FFFFFF

 12CE9A

 8AFFED

 00B280

 AAFFFF

 009767

 C8FFFF

 007C4F

 E7FFFF

 006238

 004922

 00320D

 001700

 000000

 47EBB5

 47EBB5

 30EBAD

 5EEBBD

 18EBA6

 76EBC4

 00EB9E

 8DEBCC

 A5EBD4

 BCEBDC

 D4EBE3

 ECEBEB

 FFEBF3

 FFEFBF

Harmonies

Analogous

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



9BE485



47EBB5



00EDEC

Triad

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



47EBB5



ACCEFF



FFB288

Complementary

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



47EBB5



EB477D

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.



FFA6B8



47EBB5



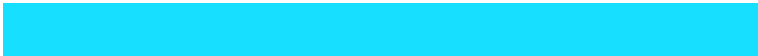
F9B9FF

Square

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



47EBB5



17DFFF



FFA9EE



FFC56A

Rectangle

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



47EBB5



00EBFF



FFA9EE



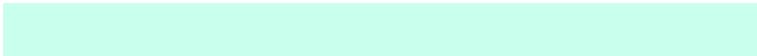
FFAD97

Sweetspot

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



47EBB5



C9FFED



7EEB47



608075



000000



808080

Same Dimension

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



47EBB5



29FFB8



47D0EB



6A7571



00B579



003624

Inverse Universe

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



EB477D



FF296F



EB6247



756A6D



B5003C



360012

Previews

White Background



This preview shows how the Hex color 47EBB5 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 47EBB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

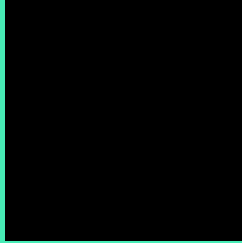
Any Text WCAG AA ✓ Pass

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 47EBB5 Background



This preview shows how black text looks on a background with the Hex color 47EBB5.

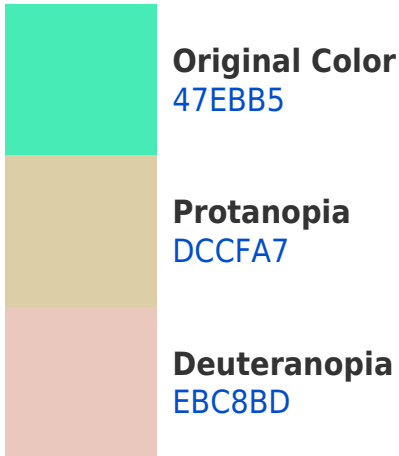


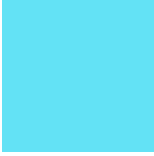
This preview shows how white text looks on a background with the Hex color 47EBB5.

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
63E2F5

Trichromacy



Original Color
47EBB5



Protanomaly
A6D9AC



Deuteranomaly
AFD5BA

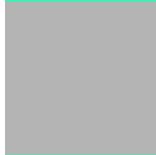


Tritanomaly
59E5DE

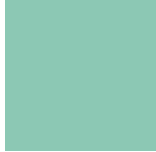
Monochromacy



Original Color
47EBB5



Achromatopsia
B4B4B4



Achromatomaly
8CC8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 47EBB5 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 #47EBB5 looks like.

```
.text, #text, p{  
    color:#47EBB5  
}
```

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 #47EBB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47EBB5
}
```

Border

The CSS property to change the border of an element to Hex 47EBB5 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
#47EBB5 }
```

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

```
.border{ border-color:#47EBB5 }
```

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

Here you see how a box with a 4 pixel #47EBB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47EBB5; -webkit-box-shadow:4px 4px  
4px 4px #47EBB5; box-shadow:4px 4px 4px  
4px #47EBB5 }
```

Background

The CSS property to change the background color of an element to Hex 47EBB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47EBB5 }
```

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

```
.background{ background-color:#47EBB5 }
```

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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