

Converting Colors

Hex(5BEEA2)

Have a look what the booklet for
Hex(5BEEA2) contains.

Hex(5BEEA2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BEEA2)

Conversions

Conversions Part 1

Format	Color
Hex	5BEEA2
RGB	91, 238, 162
RGB Percent	36%, 93%, 64%
CMY	0.6431, 0.0667, 0.3647
CMYK	0.62, 0.00, 0.32, 0.07
HSL	149°, 81%, 65%
HSV	149°, 62%, 93%
XYZ	41.4105, 65.9819, 44.7356
YIQ	185.3830, -63.2160, -54.8000

Conversions

Conversions Part 2

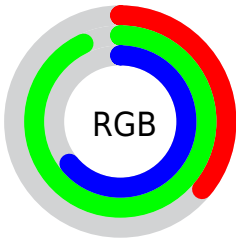
Format	Color
RYB	91, 190, 238
Decimal	6024866
CIELab	84.99, -56.24, 25.43
CIELCh	85, 61.725, 155.667
Yxy	65.9819, 0.2722, 0.4337
Android (android.graphics.Color)	4284214946 (0xFF5BEEA2)
YUV	185.3830, -11.5278, -82.7739
Hunter-Lab	81.2292, -51.1521, 24.2075

Details

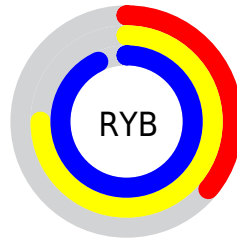
The Hex color **5BEEA2** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **EE5BA7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **99FFD9**, and **00B56E** is the 20% darker color. If you saturate the color by 10%, you get **43EE96**, and if you desaturate by 10%, it is **73EEAE**.

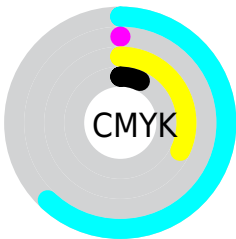
Distribution



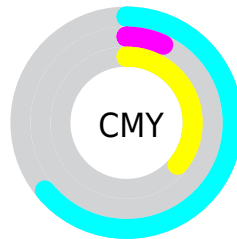
- Red (36%)
- Green (93%)
- Blue (64%)



- Red (36%)
- Yellow (75%)
- Blue (93%)



- Cyan (62%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (64%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BEEA2 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 5BEEA2 by changing the saturation by 10% instead.

 5BEEA2

 5BEEA2


FFFFFF

 37D188

 99FFD9

 00B56E

 B8FFF6

 009955

 D6FFFF

 007F3D

 F5FFFF

 006426

 004B10

 003400

 001A00

 000000

 5BEEA2

 5BEEA2

 43EE96

 73EEAE

 2BEE89

 8BEEBB

 14EE7D

 A2EEC7

 00EE73

 BAEED3

 D2EEEE0

 EAEEEC

 FFEEF8

 FFEEFF

Harmonies

Analogous

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



AEE471



5BEEA2



00F2DE

Triad

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



5BEEA2



81D7FF



FFAB93

Complementary

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



5BEEA2



EE5BA7

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.



FFA2CB



5BEEA2



E7C1FF

Square

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



5BEEA2



00E7FF



FFABFF



FFC069

Rectangle

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



5BEEA2



00F1FF



FFABFF



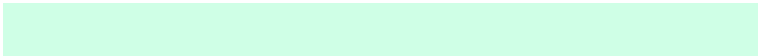
FFA7A5

Sweetspot

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



5BEEA2



CFFFE6



A9EE5B



628070



000000



808080

Same Dimension

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



5BEEA2



42FF9D



5BEEE9



6C7872



00B859



00381B

Inverse Universe

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



EE5BA7



FF42A4



EE5B60



786C72



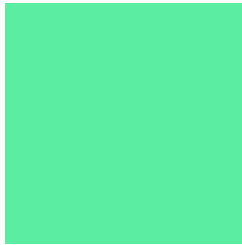
B8005F



38001D

Previews

White Background



This preview shows how the Hex color 5BEEA2 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 5BEEA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

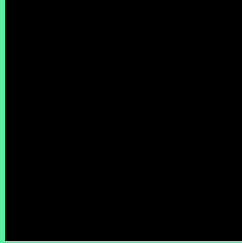
Any Text WCAG AA ✓ Pass

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 5BEEA2 Background



This preview shows how black text looks on a background with the Hex color 5BEEA2.

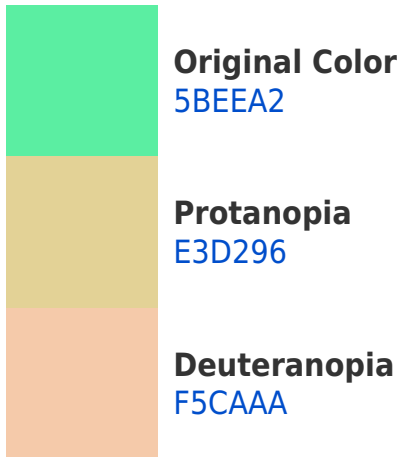


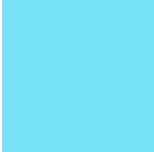
This preview shows how white text looks on a background with the Hex color 5BEEA2.

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
76E3F6

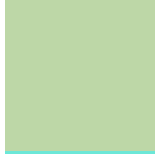
Trichromacy



Original Color
5BEEA2



Protanomaly
B2DC9A



Deuteranomaly
BDD7A7



Tritanomaly
6CE7D7

Monochromacy



Original Color
5BEEA2



Achromatopsia
B9B9B9



Achromatomaly
97CCB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BEEA2 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 #5BEEA2 looks like.

```
.text, #text, p{  
    color:#5BEEA2  
}
```

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 #5BEEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BEEA2
}
```

Border

The CSS property to change the border of an element to Hex 5BEEA2 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
#5BEEA2 }
```

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

```
.border{ border-color:#5BEEA2 }
```

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

Here you see how a box with a 4 pixel #5BEEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BEEA2; -webkit-box-shadow:4px 4px  
4px 4px #5BEEA2; box-shadow:4px 4px 4px  
4px #5BEEA2 }
```

Background

The CSS property to change the background color of an element to Hex 5BEEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BEEA2 }
```

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

```
.background{ background-color:#5BEEA2 }
```

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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