

Converting Colors

Hex(49E991)

Have a look what the booklet for
Hex(49E991) contains.

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Color

Hex(49E991)

Conversions

Conversions Part 1

Format	Color
Hex	49E991
RGB	73, 233, 145
RGB Percent	29%, 91%, 57%
CMY	0.7137, 0.0863, 0.4314
CMYK	0.69, 0.00, 0.38, 0.09
HSL	147°, 78%, 60%
HSV	147°, 69%, 91%
XYZ	36.9974, 61.7386, 36.7548
YIQ	175.1280, -67.1120, -61.2880

Conversions

Conversions Part 2

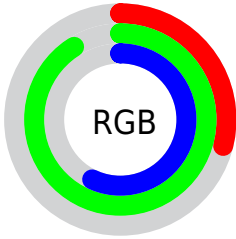
Format	Color
R_{YB}	73, 183, 233
Decimal	4843921
CIE _{Lab}	82.77, -60.68, 31.04
CIE _{LCh}	83, 68.157, 152.904
Yxy	61.7386, 0.2731, 0.4557
Android (android.graphics.Color)	4283034001 (0xFF49E991)
YUV	175.1280, -14.8531, -89.5663
Hunter-Lab	78.5739, -53.4557, 27.2674

Details

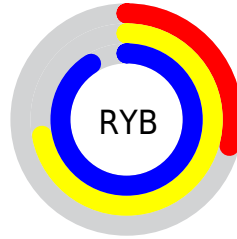
The Hex color **49E991** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E949A1**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **8BFFC8**, and **00B05E** is the 20% darker color. If you saturate the color by 10%, you get **32E984**, and if you desaturate by 10%, it is **60E99E**.

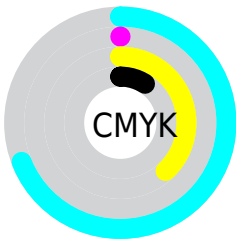
Distribution



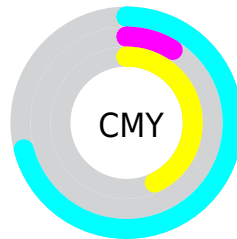
- Red (29%)
- Green (91%)
- Blue (57%)



- Red (29%)
- Yellow (72%)
- Blue (91%)



- Cyan (69%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49E991 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 49E991 by changing the saturation by 10% instead.

 49E991

 49E991

FFFFFF

 1ACC77

 8BFFC8

 00B05E

 AAFFE4

 009445


 C9FFFF

 007A2D


 E7FFFF

 005F15

 004600

 002F00

 001100

 000000

 49E991

 49E991

 32E984

 60E99E

 1AE977

 78E9AB

 03E96B

 8FE9B7

 00E969

 A6E9C4

 BEE9D1

 D5E9DE

 ECE9EB

 FFE9F8

 FFE9FF

Harmonies

Analogous

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



AADE5C



49E991



00EDD3

Triad

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



49E991



50D3FF



FF9E8C

Complementary

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



49E991



E949A1

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.



FF94CA



49E991



D9BBFF

Square

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



49E991



00E4FF



FFA1FF



FFB55B

Rectangle

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



49E991



00EDFE



FFA1FF



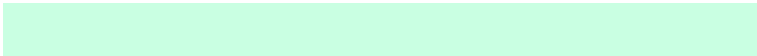
FF98A0

Sweetspot

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



49E991



C9FFE2



A1E949



60806E



000000



808080

Same Dimension

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



49E991



2EFF8C



49E9E1



6A756F



00B551



003618

Inverse Universe

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



E949A1



FF2EA1



E94951



756A70



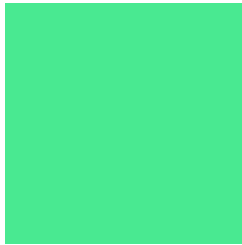
B50064



36001D

Previews

White Background



This preview shows how the Hex color 49E991 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 49E991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

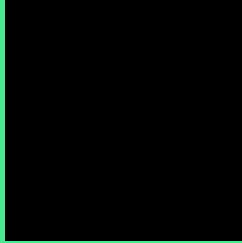
Any Text WCAG AA ✓ Pass

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 49E991 Background



This preview shows how black text looks on a background with the Hex color 49E991.

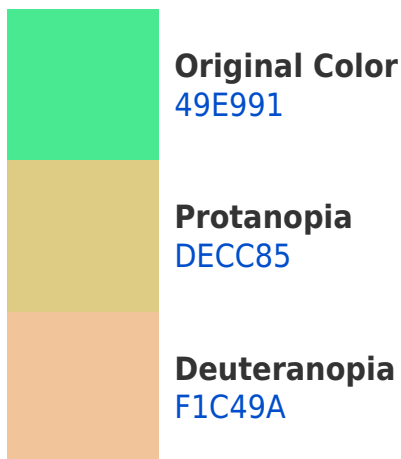


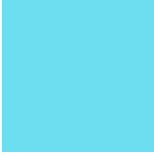
This preview shows how white text looks on a background with the Hex color 49E991.

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
6BDEF0

Trichromacy



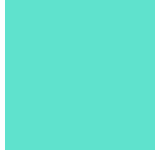
Original Color
49E991



Protanomaly
A8D789



Deuteranomaly
B4D197

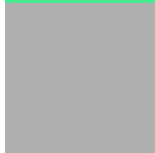


Tritanomaly
5FE2CD

Monochromacy



Original Color
49E991



Achromatopsia
AFAFAF



Achromatomaly
8AC4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 49E991 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 #49E991 looks like.

```
.text, #text, p{  
    color:#49E991  
}
```

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 #49E991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49E991
}
```

Border

The CSS property to change the border of an element to Hex 49E991 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
#49E991 }
```

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

```
.border{ border-color:#49E991 }
```

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

Here you see how a box with a 4 pixel #49E991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49E991; -webkit-box-shadow:4px 4px  
4px 4px #49E991; box-shadow:4px 4px 4px  
4px #49E991 }
```

Background

The CSS property to change the background color of an element to Hex 49E991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49E991 }
```

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

```
.background{ background-color:#49E991 }
```

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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