

Converting Colors

Hex(48E492)

Have a look what the booklet for
Hex(48E492) contains.

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Color

Hex(48E492)

Conversions

Conversions Part 1

Format	Color
Hex	48E492
RGB	72, 228, 146
RGB Percent	28%, 89%, 57%
CMY	0.7176, 0.1059, 0.4275
CMYK	0.68, 0.00, 0.36, 0.11
HSL	148°, 74%, 59%
HSV	148°, 68%, 89%
XYZ	35.6042, 58.9398, 36.6941
YIQ	172.0080, -66.6540, -58.5740

Conversions

Conversions Part 2

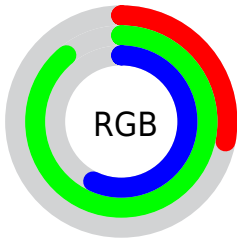
Format	Color
RYB	72, 178, 228
Decimal	4777106
CIELab	81.26, -58.78, 28.51
CIELCh	81, 65.333, 154.129
Yxy	58.9398, 0.2713, 0.4491
Android (android.graphics.Color)	4282967186 (0xFF48E492)
YUV	172.0080, -12.8219, -87.7070
Hunter-Lab	76.7723, -51.5697, 25.4023

Details

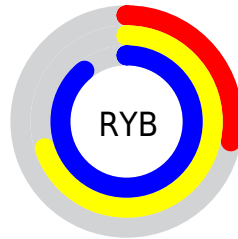
The Hex color **48E492** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E4489A**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **8AFFC8**, and **00AB5F** is the 20% darker color. If you saturate the color by 10%, you get **31E486**, and if you desaturate by 10%, it is **5FE49E**.

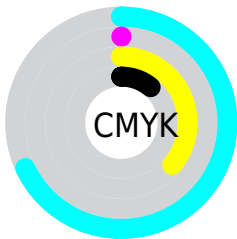
Distribution



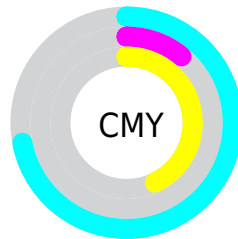
- Red (28%)
- Green (89%)
- Blue (57%)



- Red (28%)
- Yellow (70%)
- Blue (89%)



- Cyan (68%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (72%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48E492 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 48E492 by changing the saturation by 10% instead.

 48E492

 48E492

FFFFFF

 1AC778

 8AFFC8

 00AB5F

 A8FFE5

 009046

 C7FFFF

 00752F

 E5FFFF

 005B18

 004200

 002B00

 000900

 000000

 48E492

 48E492

 31E486

 5FE49E

 1AE47A

 76E4AA

 04E46E

 8CE4B6

 00E46C

 A3E4C2

 BAE4CE

 D1E4DA

 E8E4E6

 FEE4F2

 FFE4FE

Harmonies

Analogous

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



A5DA5F



48E492



00E8D1

Triad

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



48E492



5FCEFF



FF9D89

Complementary

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



48E492



E4489A

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.



FF93C4



48E492



D8B6FF

Square

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



48E492



00DEFF



FF9EFF



FFB35B

Rectangle

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



48E492



00E8FA



FF9EFF



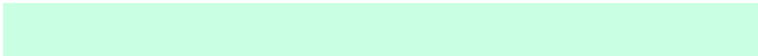
FF989B

Sweetspot

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



48E492



C9FFE3



9BE448



60806F



000000



808080

Same Dimension

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



48E492



2EFF91



48E4DF



67736D



00B355



003318

Inverse Universe

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



E4489A



FF2E9C



E4484D



73676D



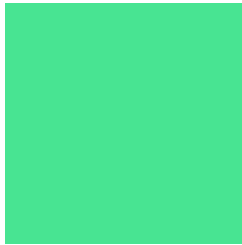
B3005E



33001B

Previews

White Background



This preview shows how the Hex color 48E492 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 48E492 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 48E492 Background



This preview shows how black text looks on a background with the Hex color 48E492.

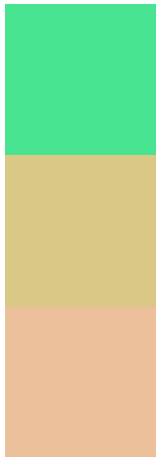


This preview shows how white text looks on a background with the Hex color 48E492.

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](#).

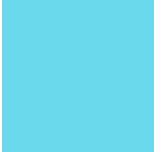
Dichromacy



Original Color
48E492

Protanopia
D9C886

Deuteranopia
EBC09A



Tritanopia
69D9EB

Trichromacy



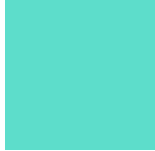
Original Color
48E492



Protanomaly
A4D28A



Deuteranomaly
B0CD97



Tritanomaly
5DDDCB

Monochromacy



Original Color
48E492



Achromatopsia
ACACAC



Achromatomaly
88C0A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 48E492 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 #48E492 looks like.

```
.text, #text, p{  
    color:#48E492  
}
```

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 #48E492 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E492
}
```

Border

The CSS property to change the border of an element to Hex 48E492 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
#48E492 }
```

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

```
.border{ border-color:#48E492 }
```

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

Here you see how a box with a 4 pixel #48E492 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E492; -webkit-box-shadow:4px 4px  
4px 4px #48E492; box-shadow:4px 4px 4px  
4px #48E492 }
```

Background

The CSS property to change the background color of an element to Hex 48E492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E492 }
```

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

```
.background{ background-color:#48E492 }
```

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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