

Converting Colors

Hex(48D37D)

Have a look what the booklet for
Hex(48D37D) contains.

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Color

Hex(48D37D)

Conversions

Conversions Part 1

Format	Color
Hex	48D37D
RGB	72, 211, 125
RGB Percent	28%, 83%, 49%
CMY	0.7176, 0.1725, 0.5098
CMYK	0.66, 0.00, 0.41, 0.17
HSL	143°, 61%, 55%
HSV	143°, 66%, 83%
XYZ	29.6684, 49.4469, 27.3826
YIQ	159.6350, -55.2380, -56.2140

Conversions

Conversions Part 2

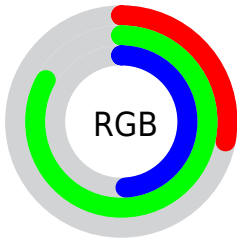
Format	Color
RYB	72, 173, 211
Decimal	4772733
CIELab	75.73, -56.21, 31.91
CIELCh	76, 64.635, 150.415
Yxy	49.4469, 0.2786, 0.4643
Android (android.graphics.Color)	4282962813 (0xFF48D37D)
YUV	159.6350, -17.0751, -76.8559
Hunter-Lab	70.3185, -47.7456, 26.1350

Details

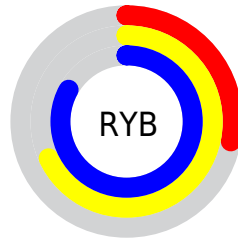
The Hex color **48D37D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D3489E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **87FFB2**, and **009B4B** is the 20% darker color. If you saturate the color by 10%, you get **33D370**, and if you desaturate by 10%, it is **5DD38A**.

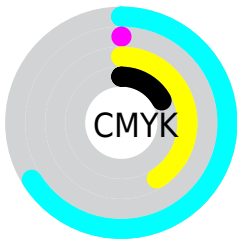
Distribution



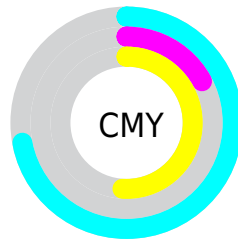
- Red (28%)
- Green (83%)
- Blue (49%)



- Red (28%)
- Yellow (68%)
- Blue (83%)



- Cyan (66%)
- Magenta (0%)
- Yellow (41%)
- Black (17%)



- Cyan (72%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48D37D 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 48D37D by changing the saturation by 10% instead.

 48D37D

 48D37D

FFFFFF

 1FB763

 87FFB2

 009B4B

 A5FFCE

 008033

 C3FFEB

 00661B

 E1FFFF

 004D02

 003500

 001C00

 000000

 48D37D

 48D37D

■ 33D370

■ 5DD38A

■ 1ED363

■ 72D397

■ 09D356

■ 87D3A4

■ 00D350

■ 9CD3B1

■ B2D3BE

■ C7D3CB

■ DCD3D8

■ F1D3E5

■ FFD3F2

Harmonies

Analogous

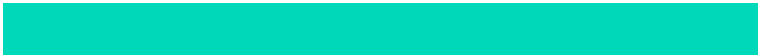
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EC94D



48D37D



00D8BA

Triad

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



48D37D



24C1FF



FF8C82

Complementary

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



48D37D



D3489E

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.



FF84BC



48D37D



BDABFF

Square

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



48D37D



00D0FF



FF92F7



FFA152

Rectangle

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



48D37D



00D8E2



FF92F7



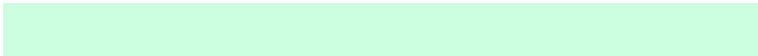
FF8794

Sweetspot

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



48D37D



CCFFDF



A0D348



61806D



000000



808080

Same Dimension

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



48D37D



36FF82



48D3C0



5E6962



00A840



002910

Inverse Universe

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



D3489E



FF36B2



D3485B



695E65



A80068



290019

Previews

White Background



This preview shows how the Hex color 48D37D looks on a white background.

Color Contrast Check

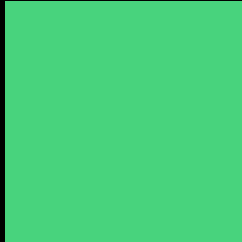
Large Text (above 18pt) WCAG AA × Fail

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 48D37D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

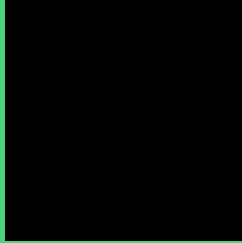
Any Text WCAG AA ✓ Pass

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 48D37D Background



This preview shows how black text looks on a background with the Hex color 48D37D.

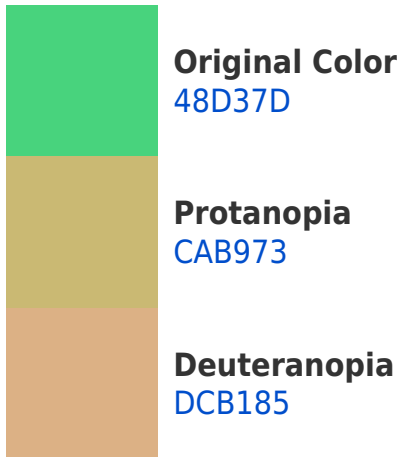


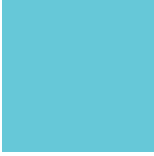
This preview shows how white text looks on a background with the Hex color 48D37D.

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
66C8D8

Trichromacy



Original Color
48D37D



Protanomaly
9BC277



Deuteranomaly
A6BD82



Tritanomaly
5BCCB7

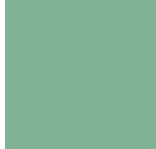
Monochromacy



Original Color
48D37D



Achromatopsia
A0A0A0



Achromatomaly
80B393

CSS Examples

Text

The CSS property to change the color of the text to Hex 48D37D 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 #48D37D looks like.

```
.text, #text, p{  
    color:#48D37D  
}
```

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 #48D37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D37D
}
```

Border

The CSS property to change the border of an element to Hex 48D37D 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
#48D37D }
```

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

```
.border{ border-color:#48D37D }
```

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

Here you see how a box with a 4 pixel #48D37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D37D; -webkit-box-shadow:4px 4px  
4px 4px #48D37D; box-shadow:4px 4px 4px  
4px #48D37D }
```

Background

The CSS property to change the background color of an element to Hex 48D37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D37D }
```

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

```
.background{ background-color:#48D37D }
```

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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