

Converting Colors

Hex(49D488)

Have a look what the booklet for
Hex(49D488) contains.

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Color

Hex(49D488)

Conversions

Conversions Part 1

Format	Color
Hex	49D488
RGB	73, 212, 136
RGB Percent	29%, 83%, 53%
CMY	0.7137, 0.1686, 0.4667
CMYK	0.66, 0.00, 0.36, 0.17
HSL	147°, 62%, 56%
HSV	147°, 66%, 83%
XYZ	30.7351, 50.2810, 31.3779
YIQ	161.7750, -58.4480, -53.1040

Conversions

Conversions Part 2

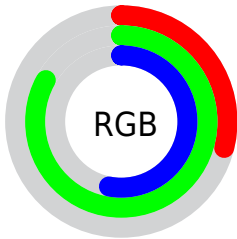
Format	Color
RYB	73, 169, 212
Decimal	4838536
CIELab	76.24, -54.40, 26.93
CIElCh	76, 60.703, 153.662
Yxy	50.2810, 0.2735, 0.4474
Android (android.graphics.Color)	4283028616 (0xFF49D488)
YUV	161.7750, -12.7071, -77.8557
Hunter-Lab	70.9091, -46.7213, 23.4001

Details

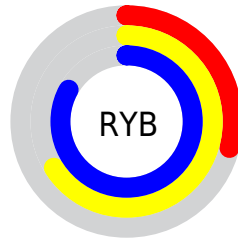
The Hex color **49D488** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D44995**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **88FFBE**, and **009C55** is the 20% darker color. If you saturate the color by 10%, you get **34D47C**, and if you desaturate by 10%, it is **5ED494**.

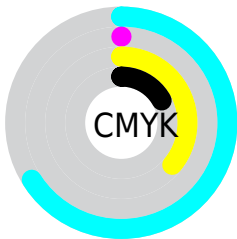
Distribution



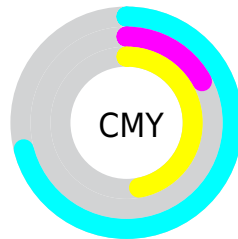
- Red (29%)
- Green (83%)
- Blue (53%)



- Red (29%)
- Yellow (66%)
- Blue (83%)



- Cyan (66%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Hex color 49D488 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 49D488 by changing the saturation by 10% instead.

 49D488

 49D488

FFFFFF

 21B86E

 88FFBE

 009C55

 A6FFDA

 00813D

 C3FFF6

 006726

 E2FFFF

 004E0F

 003600

 001E00

 000000

 49D488

 49D488

 34D47C

 5ED494

 1FD471

 73D49F

 09D465

 89D4AB

 00D460

 9ED4B6

 B3D4C2

 C8D4CE

 DDD4D9

 F3D4E5

 FFD4F0

Harmonies

Analogous

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



9BCB5A



49D488



00D8C1

Triad

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



49D488



5AC0FF



FF9381

Complementary

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



49D488



D44995

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.



FF8AB7



49D488



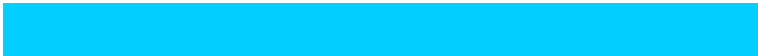
C8AAFF

Square

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



49D488



00CFFF



FF95EF



FFA757

Rectangle

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



49D488



00D8E7



FF95EF



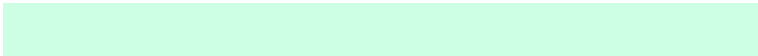
FF8E92

Sweetspot

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



49D488



CCFFE3



95D449



61806F



000000



808080

Same Dimension

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



49D488



36FF91



49D4CD



606B65



00AB4D



002B14

Inverse Universe

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



D44995



FF36A4



D44950



6B6066



AB005D



2B0018

Previews

White Background



This preview shows how the Hex color 49D488 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 49D488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

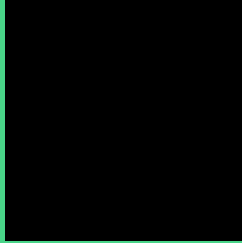
Any Text WCAG AA ✓ Pass

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 49D488 Background



This preview shows how black text looks on a background with the Hex color 49D488.

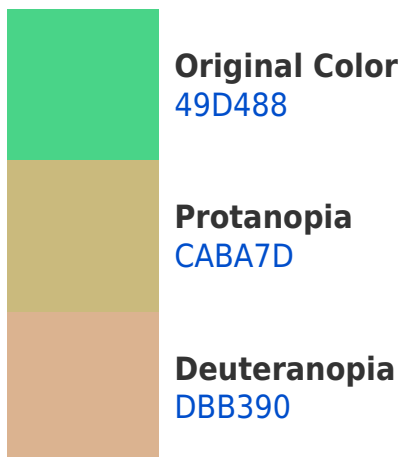


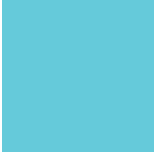
This preview shows how white text looks on a background with the Hex color 49D488.

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
65CADA

Trichromacy



Original Color
49D488



Protanomaly
9BC381



Deuteranomaly
A6BF8D



Tritanomaly
5BCEBC

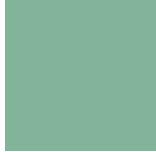
Monochromacy



Original Color
49D488



Achromatopsia
A2A2A2



Achromatomaly
82B499

CSS Examples

Text

The CSS property to change the color of the text to Hex 49D488 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 #49D488 looks like.

```
.text, #text, p{  
    color:#49D488  
}
```

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 #49D488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49D488
}
```

Border

The CSS property to change the border of an element to Hex 49D488 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
#49D488 }
```

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

```
.border{ border-color:#49D488 }
```

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

Here you see how a box with a 4 pixel #49D488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49D488; -webkit-box-shadow:4px 4px  
4px 4px #49D488; box-shadow:4px 4px 4px  
4px #49D488 }
```

Background

The CSS property to change the background color of an element to Hex 49D488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49D488 }
```

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

```
.background{ background-color:#49D488 }
```

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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