

Converting Colors

Hex(49D4C5)

Have a look what the booklet for
Hex(49D4C5) contains.

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Color

Hex(49D4C5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 49D4C5 |
| RGB | 73, 212, 197 |
| RGB Percent | 29%, 83%, 77% |
| CMY | 0.7137, 0.1686, 0.2275 |
| CMYK | 0.66, 0.00, 0.07, 0.17 |
| HSL | 174°, 62%, 56% |
| HSV | 174°, 66%, 83% |
| XYZ | 36.3692, 52.5347, 61.0467 |
| YIQ | 168.7290, -78.0290, -34.1330 |

Conversions

Conversions Part 2

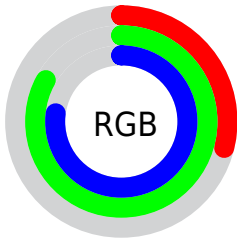
| Format | Color |
|-------------------------------------|--|
| RYB | 73, 146, 212 |
| Decimal | 4838597 |
| CIELab | 77.60, -40.45, -3.54 |
| CIELCh | 78, 40.604, 184.999 |
| Yxy | 52.5347, 0.2425, 0.3503 |
| Android (android.graphics.Color) | 4283028677 (0xFF49D4C5) |
| YUV | 168.7290, 13.9376, -83.9543 |
| Hunter-Lab | 72.4808, -37.2742, 0.7998 |

Details

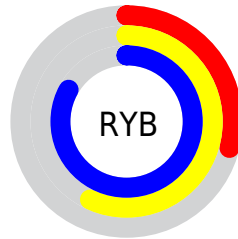
The Hex color **49D4C5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D44958**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **89FFFE**, and **009D8F** is the 20% darker color. If you saturate the color by 10%, you get **34D4C3**, and if you desaturate by 10%, it is **5ED4C7**.

Distribution



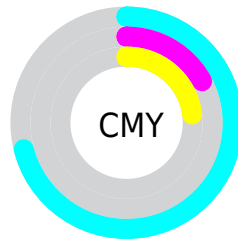
- Red (29%)
- Green (83%)
- Blue (77%)



- Red (29%)
- Yellow (57%)
- Blue (83%)



- Cyan (66%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49D4C5 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 49D4C5 by changing the saturation by 10% instead.

 49D4C5

 49D4C5

FFFFFF

 1EB8AA

 89FFFE

 009D8F

 A8FFFF

 008276

 C6FFFF

 00685D

 E5FFFF

 004F46

 00372F

 00221B

 000000

 49D4C5

 49D4C5

■ 34D4C3

■ 5ED4C7

■ 1FD4C0

■ 73D4CA

■ 09D4BE

■ 89D4CC

■ 00D4BD

■ 9ED4CE

■ B3D4D0

■ C8D4D3

■ DDD4D5

■ F3D4D7

■ FFD4DA

Harmonies

Analogous

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



7DD19F



49D4C5



21D2EA

Triad

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



49D4C5



CCB4FD



F3B37C

Complementary

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



49D4C5



D44958

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.



FFA796



49D4C5



F4A7E0

Square

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



49D4C5



94C1FF



FFA2BB



D3C074

Rectangle

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



49D4C5



3CCFFC



FFA2BB



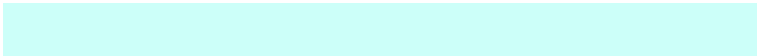
FBAE83

Sweetspot

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



49D4C5



CCFFF9



59D449



61807C



000000



808080

Same Dimension

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



49D4C5



36FFE9



499FD4



606B6A



00AB98



002B27

Inverse Universe

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



D44958



FF364B



D47E49



6B6062



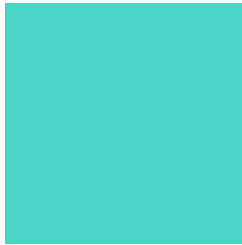
AB0012



2B0005

Previews

White Background



This preview shows how the Hex color 49D4C5 looks on a white background.

Color Contrast Check

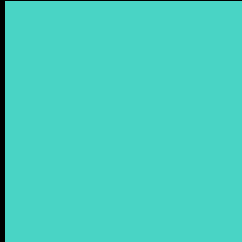
Large Text (above 18pt) WCAG AA × Fail

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 49D4C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

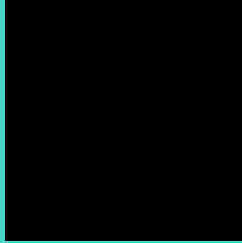
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

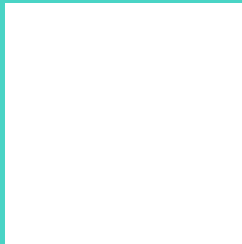
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49D4C5 Background



This preview shows how black text looks on a background with the Hex color 49D4C5.

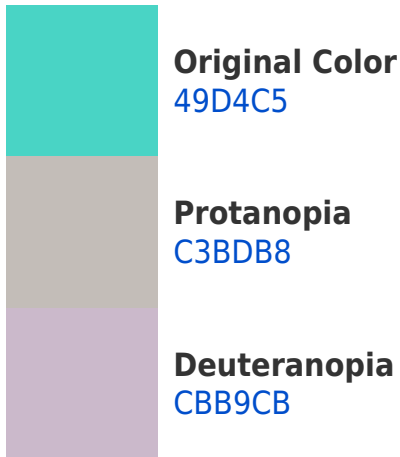


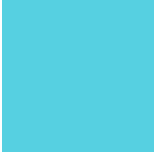
This preview shows how white text looks on a background with the Hex color 49D4C5.

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
56D0E1

Trichromacy



Original Color
49D4C5



Protanomaly
97C5BD



Deuteranomaly
9CC3C9

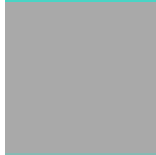


Tritanomaly
51D1D7

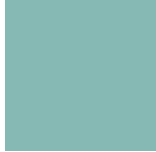
Monochromacy



Original Color
49D4C5



Achromatopsia
A9A9A9



Achromatomaly
86B9B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 49D4C5 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 #49D4C5 looks like.

```
.text, #text, p{  
    color:#49D4C5  
}
```

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 #49D4C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49D4C5
}
```

Border

The CSS property to change the border of an element to Hex 49D4C5 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
#49D4C5 }
```

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

```
.border{ border-color:#49D4C5 }
```

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

Here you see how a box with a 4 pixel #49D4C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49D4C5; -webkit-box-shadow:4px 4px  
4px 4px #49D4C5; box-shadow:4px 4px 4px  
4px #49D4C5 }
```

Background

The CSS property to change the background color of an element to Hex 49D4C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49D4C5 }
```

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

```
.background{ background-color:#49D4C5 }
```

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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