

Converting Colors

Hex(47D9DF)

Have a look what the booklet for
Hex(47D9DF) contains.

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Color

Hex(47D9DF)

Conversions

Conversions Part 1

Format	Color
Hex	47D9DF
RGB	71, 217, 223
RGB Percent	28%, 85%, 87%
CMY	0.7216, 0.1490, 0.1255
CMYK	0.68, 0.03, 0.00, 0.13
HSL	182°, 70%, 58%
HSV	182°, 68%, 87%
XYZ	40.7307, 56.2930, 78.5309
YIQ	174.0300, -88.9420, -29.0860

Conversions

Conversions Part 2

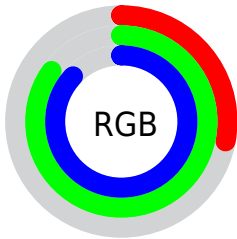
Format	Color
RYB	71, 145, 223
Decimal	4708831
CIELab	79.78, -35.88, -14.22
CIELCh	80, 38.599, 201.618
Yxy	56.2930, 0.2320, 0.3207
Android (android.graphics.Color)	4282898911 (0xFF47D9DF)
YUV	174.0300, 24.1422, -90.3573
Hunter-Lab	75.0287, -34.3982, -9.5375




Details

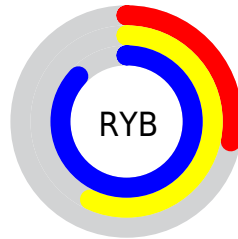
The Hex color **47D9DF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF4D47**, and the grayscale version is **AEAEAE**.




A 20% lighter version of the original color is **8BFFFF**, and **00A2A8** is the 20% darker color. If you saturate the color by 10%, you get **31D8DF**, and if you desaturate by 10%, it is **5DDADF**.

Distribution







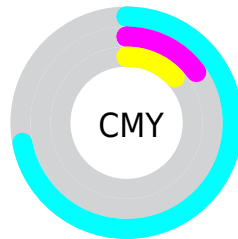
-  Red (28%)
-  Green (85%)
-  Blue (87%)






-  Red (28%)
-  Yellow (57%)
-  Blue (87%)



-  Cyan (68%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (72%)
-  Magenta (15%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47D9DF 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 47D9DF by changing the saturation by 10% instead.

 47D9DF

 47D9DF

FFFFFF

 12BDC3

 8BFFFF

 00A2A8

 AAFFFF

 00878D

 C9FFFF

 006D74

 E7FFFF

 00545B

 003C44

 00272E

 00011A

 000000

 47D9DF

 47D9DF

 31D8DF

 5DDADF

 1AD7DF

 74DBDF

 04D6DF

 8ADCDF

 00D6DF

 A0DDDF

 B7DDDF

 CDDEDF

 E3DFDF

 F9E0DF

 FFE1DF

Harmonies

Analogous

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



6ED9BA



47D9DF



4FD5FD

Triad

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



47D9DF



EAB3F3



E7C07F

Complementary

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



47D9DF



DF4D47

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.



FFB48F



47D9DF



FFABD1

Square

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



47D9DF



BCC0FF



FFABAD



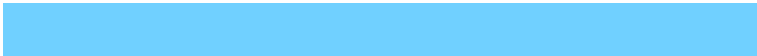
C4CC82

Rectangle

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



47D9DF



70D0FF



FFABAD



F1BC82

Sweetspot

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



47D9DF



CCDFDF



47DF4C



617E80



000000



808080

Same Dimension

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



47D9DF



2EF7FF



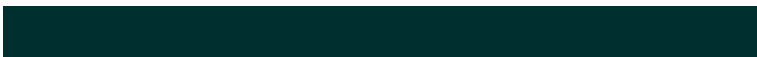
478EDF



657070



00A9B0



002F30

Inverse Universe

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



DF47D9



FF2EF7



DF9847



706570



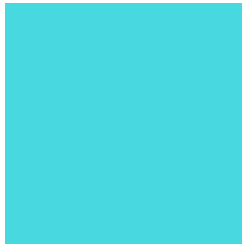
B000A9



30002F

Previews

White Background



This preview shows how the Hex color 47D9DF looks on a white background.

Color Contrast Check

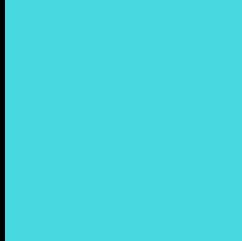
Large Text (above 18pt) WCAG AA × Fail

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 47D9DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

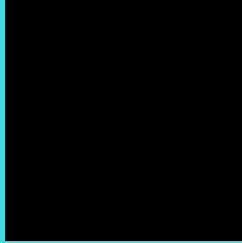
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

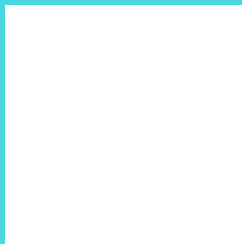
Any Text WCAG AAA ✓ Pass

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

Hex 47D9DF Background



This preview shows how black text looks on a background with the Hex color 47D9DF.

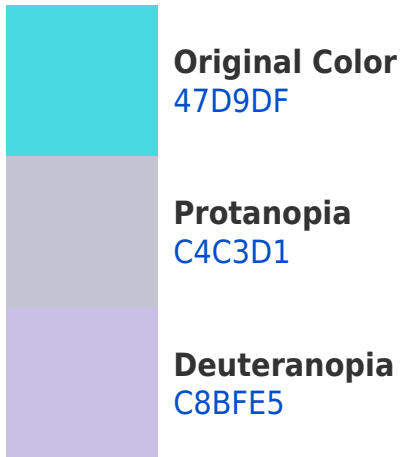


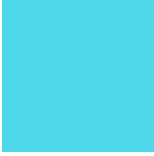
This preview shows how white text looks on a background with the Hex color 47D9DF.

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](#).

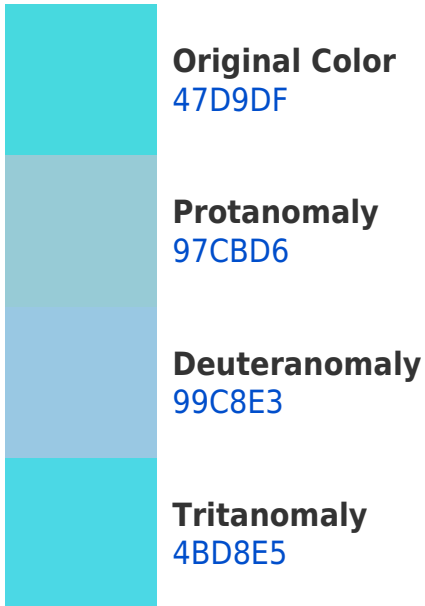
Dichromacy





Tritanopia
4DD7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47D9DF 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 #47D9DF looks like.

```
.text, #text, p{  
    color:#47D9DF  
}
```

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 #47D9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D9DF
}
```

Border

The CSS property to change the border of an element to Hex 47D9DF 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
#47D9DF }
```

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

```
.border{ border-color:#47D9DF }
```

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

Here you see how a box with a 4 pixel #47D9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D9DF; -webkit-box-shadow:4px 4px  
4px 4px #47D9DF; box-shadow:4px 4px 4px  
4px #47D9DF }
```

Background

The CSS property to change the background color of an element to Hex 47D9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D9DF }
```

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

```
.background{ background-color:#47D9DF }
```

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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