

Converting Colors

Hex(77D9B7)

Have a look what the booklet for
Hex(77D9B7) contains.

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Color

Hex(77D9B7)

Conversions

Conversions Part 1

Format	Color
Hex	77D9B7
RGB	119, 217, 183
RGB Percent	47%, 85%, 72%
CMY	0.5333, 0.1490, 0.2824
CMYK	0.45, 0.00, 0.16, 0.15
HSL	159°, 56%, 66%
HSV	159°, 45%, 85%
XYZ	40.9678, 56.9665, 53.6362
YIQ	183.8220, -47.4940, -31.3500

Conversions

Conversions Part 2

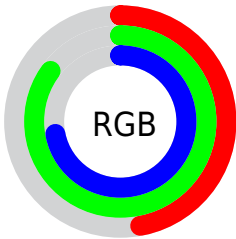
Format	Color
RYB	119, 178, 217
Decimal	7854519
CIELab	80.16, -36.79, 7.84
CIElCh	80, 37.620, 167.970
Yxy	56.9665, 0.2703, 0.3758
Android (android.graphics.Color)	4286044599 (0xFF77D9B7)
YUV	183.8220, -0.4052, -56.8489
Hunter-Lab	75.4762, -35.1950, 10.6997

Details

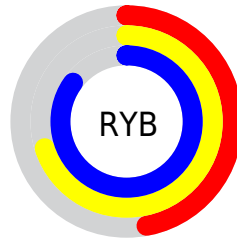
The Hex color **77D9B7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D97799**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B0FFEF**, and **3EA282** is the 20% darker color. If you saturate the color by 10%, you get **61D9AF**, and if you desaturate by 10%, it is **8DD9BF**.

Distribution



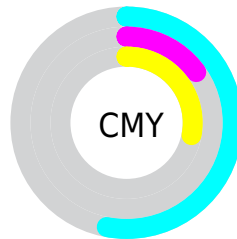
- Red (47%)
- Green (85%)
- Blue (72%)



- Red (47%)
- Yellow (70%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77D9B7 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 77D9B7 by changing the saturation by 10% instead.

 77D9B7

 77D9B7

FFFFFF

 5BBD9C

 B0FFEF

 3EA282

 CDFFFF

 1B8769

 EAFFFF

 006D51

 00543A

 003C24

 00270F

 000100

 000000

 77D9B7

 77D9B7

 61D9AF

 8DD9BF

 4CD9A8

 A2D9C6

 36D9A0

 B8D9CE

 20D999

 CED9D5

 0BD991

 E3D9DD

 00D98E

 F9D9E4

 FFD9EC

 FFD9F3

 FFD9FB

Harmonies

Analogous

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



A1D497



77D9B7



52DADB

Triad

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



77D9B7



B7C3FF



FFB494

Complementary

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



77D9B7



D97799

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.



FFADB3



77D9B7



E5B6F6

Square

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



77D9B7



80CEFF



FFAED6



EBC082

Rectangle

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



77D9B7



4BD8F1



FFAED6



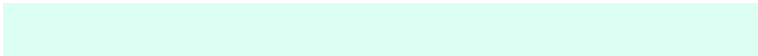
FFB19D

Sweetspot

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



77D9B7



DBFFF3



99D977



6A8078



000000



808080

Same Dimension

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



77D9B7



75FFCF



77CAD9



636E6A



00AD71



002E1E

Inverse Universe

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



D97799



FF75A5



D98677



6E6366



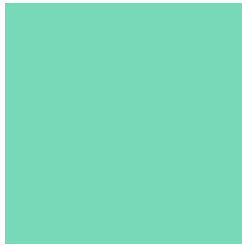
AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 77D9B7 looks on a white background.

Color Contrast Check

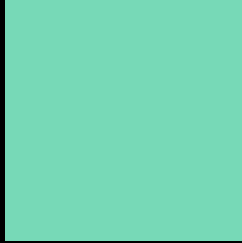
Large Text (above 18pt) WCAG AA × Fail

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 77D9B7 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

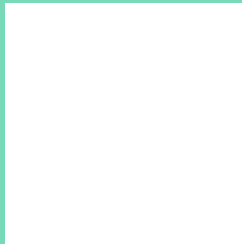
Any Text WCAG AAA ✓ Pass

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

Hex 77D9B7 Background



This preview shows how black text looks on a background with the Hex color 77D9B7.

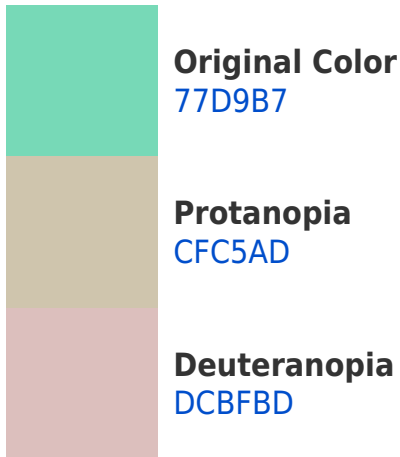


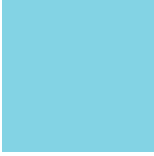
This preview shows how white text looks on a background with the Hex color 77D9B7.

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
83D3E4

Trichromacy



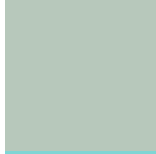
Original Color

77D9B7



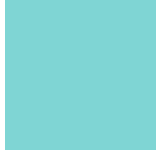
Protanomaly

AFCCB1



Deuteranomaly

B7C8BB



Tritanomaly

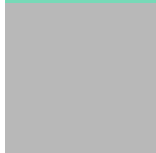
7FD5D4

Monochromacy



Original Color

77D9B7



Achromatopsia

B8B8B8



Achromatomaly

A0C4B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 77D9B7 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 #77D9B7 looks like.

```
.text, #text, p{  
    color:#77D9B7  
}
```

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 #77D9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D9B7
}
```

Border

The CSS property to change the border of an element to Hex 77D9B7 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
#77D9B7 }
```

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

```
.border{ border-color:#77D9B7 }
```

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

Here you see how a box with a 4 pixel #77D9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D9B7; -webkit-box-shadow:4px 4px  
4px 4px #77D9B7; box-shadow:4px 4px 4px  
4px #77D9B7 }
```

Background

The CSS property to change the background color of an element to Hex 77D9B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D9B7 }
```

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

```
.background{ background-color:#77D9B7 }
```

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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