

Converting Colors

Hex(77D19F)

Have a look what the booklet for
Hex(77D19F) contains.

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Color

Hex(77D19F)

Conversions

Conversions Part 1

Format	Color
Hex	77D19F
RGB	119, 209, 159
RGB Percent	47%, 82%, 62%
CMY	0.5333, 0.1804, 0.3765
CMYK	0.43, 0.00, 0.24, 0.18
HSL	147°, 49%, 64%
HSV	147°, 43%, 82%
XYZ	36.6662, 52.0261, 40.9104
YIQ	176.3900, -37.5900, -34.6300

Conversions

Conversions Part 2

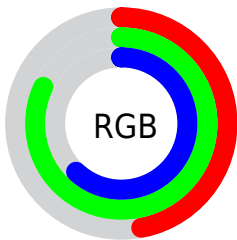
Format	Color
RYB	119, 181, 209
Decimal	7852447
CIELab	77.30, -38.16, 16.54
CIELCh	77, 41.588, 156.568
Yxy	52.0261, 0.2829, 0.4014
Android (android.graphics.Color)	4286042527 (0xFF77D19F)
YUV	176.3900, -8.5733, -50.3310
Hunter-Lab	72.1291, -35.4870, 16.8621

Details

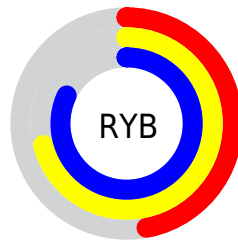
The Hex color **77D19F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D177A9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AFFFD6**, and **3F9A6B** is the 20% darker color. If you saturate the color by 10%, you get **62D193**, and if you desaturate by 10%, it is **8CD1AB**.

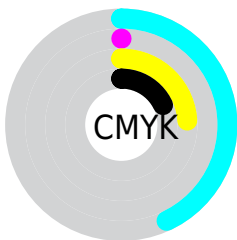
Distribution



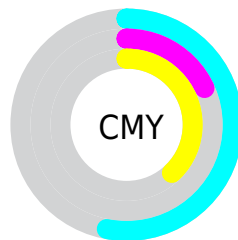
- Red (47%)
- Green (82%)
- Blue (62%)



- Red (47%)
- Yellow (71%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (53%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77D19F 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 77D19F by changing the saturation by 10% instead.

 77D19F

 77D19F

FFFFFF

 5BB585

 AFFFD6

 3F9A6B

 CCFFF2

 217F53

 E9FFFF

 00663C

 004D26

 003511

 002100

 000000

 77D19F

 77D19F

 62D193

 8CD1AB

 4DD188

 A1D1B6

 38D17C

 B6D1C2

 23D171

 CBD1CD

 0ED165

 E0D1D9

 00D15D

 F4D1E5

 FFD1F0

 FFD1FC

 FFD1FF

Harmonies

Analogous

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



A7CA80



77D19F



3FD4C6

Triad

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



77D19F



95C0FF



FFA693

Complementary

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



77D19F



D177A9

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.



FFA1B8



77D19F



CEB2FD

Square

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



77D19F



4FCBFF



F6A5DE



F1B279

Rectangle

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



77D19F



11D3E0



F6A5DE



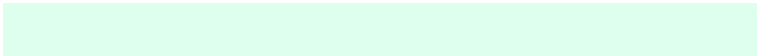
FFA39E

Sweetspot

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



77D19F



DEFFED



AAD177



6B8074



000000



808080

Same Dimension

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



77D19F



7AFFB5



77D1CB



5E6963



00A84B



002912

Inverse Universe

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



D177A9



FF7AC4



D1777D



695E64



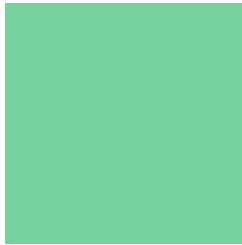
A8005D



290017

Previews

White Background



This preview shows how the Hex color 77D19F 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 77D19F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

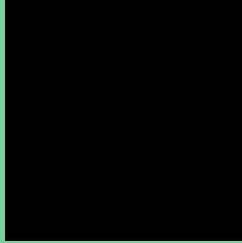
Any Text WCAG AA ✓ Pass

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 77D19F Background



This preview shows how black text looks on a background with the Hex color 77D19F.

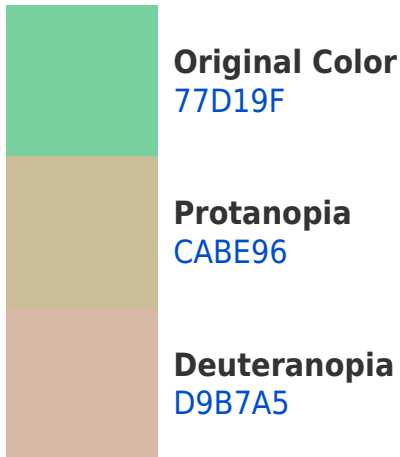


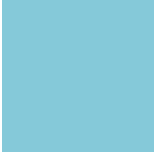
This preview shows how white text looks on a background with the Hex color 77D19F.

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](#).

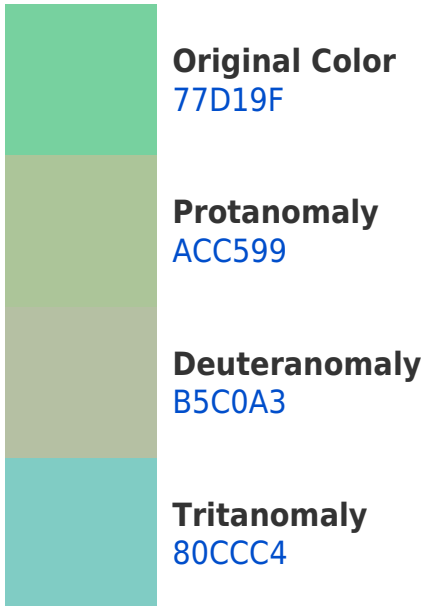
Dichromacy



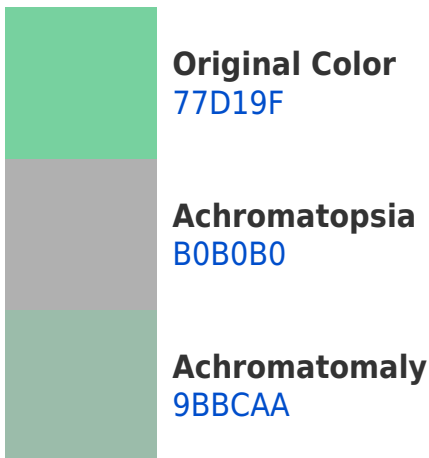


Tritanopia
85C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77D19F 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 #77D19F looks like.

```
.text, #text, p{  
    color:#77D19F  
}
```

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 #77D19F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D19F
}
```

Border

The CSS property to change the border of an element to Hex 77D19F 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
#77D19F }
```

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

```
.border{ border-color:#77D19F }
```

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

Here you see how a box with a 4 pixel #77D19F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D19F; -webkit-box-shadow:4px 4px  
4px 4px #77D19F; box-shadow:4px 4px 4px  
4px #77D19F }
```

Background

The CSS property to change the background color of an element to Hex 77D19F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D19F }
```

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

```
.background{ background-color:#77D19F }
```

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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