

Converting Colors

Hex(78D697)

Have a look what the booklet for
Hex(78D697) contains.

Hex(78D697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78D697)

Conversions

Conversions Part 1

Format	Color
Hex	78D697
RGB	120, 214, 151
RGB Percent	47%, 84%, 59%
CMY	0.5294, 0.1608, 0.4078
CMYK	0.44, 0.00, 0.29, 0.16
HSL	140°, 53%, 65%
HSV	140°, 44%, 84%
XYZ	37.3782, 54.3206, 37.7930
YIQ	178.7120, -35.8010, -39.5210

Conversions

Conversions Part 2

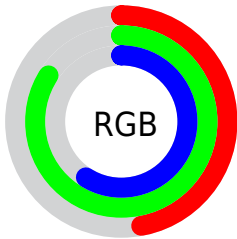
Format	Color
RYB	120, 191, 214
Decimal	7919255
CIELab	78.65, -41.64, 22.63
CIELCh	79, 47.397, 151.478
Yxy	54.3206, 0.2887, 0.4195
Android (android.graphics.Color)	4286109335 (0xFF78D697)
YUV	178.7120, -13.6620, -51.4904
Hunter-Lab	73.7025, -38.4531, 21.1891

Details

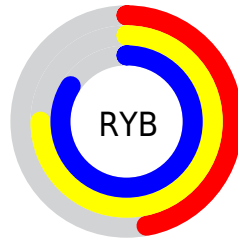
The Hex color **78D697** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D678B7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B0FFCD**, and **409F64** is the 20% darker color. If you saturate the color by 10%, you get **63D689**, and if you desaturate by 10%, it is **8DD6A5**.

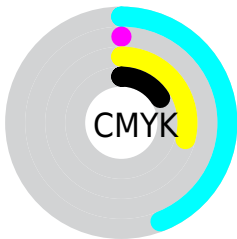
Distribution



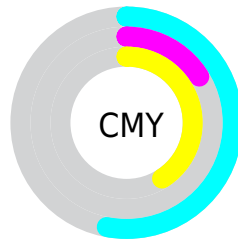
- Red (47%)
- Green (84%)
- Blue (59%)



- Red (47%)
- Yellow (75%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D697 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 78D697 by changing the saturation by 10% instead.

 78D697

 78D697

FFFFFF

 5CBA7D

 B0FFCD

 409F64

 CDFFEA

 20844B

 EAFFFF

 006A34

 00511E

 003907

 002400

 000000

 78D697

 78D697

 63D689

 8DD6A5

 4DD67A

 A3D6B4

 38D66C

 B8D6C2

 22D65E

 CED6D0

 0DD64F

 E3D6DF

 00D647

 F8D6ED

 FFD6FB

 FFD6FF

Harmonies

Analogous

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



AFCE75



78D697



25DAC3

Triad

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



78D697



81C6FF



FFA497

Complementary

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



78D697



D678B7

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.



FF9FC2



78D697



CAB6FF

Square

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



78D697



00D2FF



FCA7ED



FFB176

Rectangle

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



78D697



00D9E1



FCA7ED



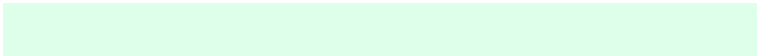
FFA1A5

Sweetspot

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



78D697



DEFFE9



B8D678



6B8072



000000



808080

Same Dimension

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



78D697



78FFA4



78D6C5



606B64



00AB38



002B0E

Inverse Universe

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



D678B7



FF78D2



D67889



6B6068



AB0073



2B001D

Previews

White Background



This preview shows how the Hex color 78D697 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 78D697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

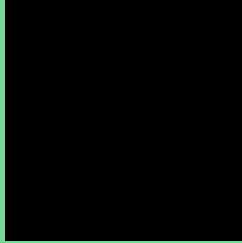
Any Text WCAG AA ✓ Pass

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 78D697 Background



This preview shows how black text looks on a background with the Hex color 78D697.

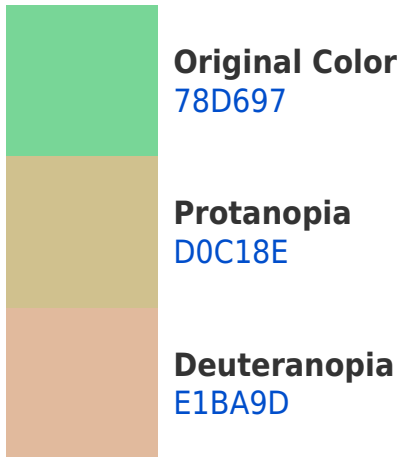


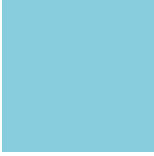
This preview shows how white text looks on a background with the Hex color 78D697.

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
88CDDD

Trichromacy



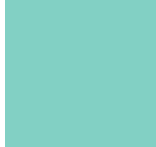
Original Color
78D697



Protanomaly
B0C991



Deuteranomaly
BBC49B



Tritanomaly
82D0C4

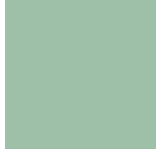
Monochromacy



Original Color
78D697



Achromatopsia
B3B3B3



Achromatomaly
9EC0A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 78D697 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 #78D697 looks like.

```
.text, #text, p{  
    color:#78D697  
}
```

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 #78D697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D697  
}
```

Border

The CSS property to change the border of an element to Hex 78D697 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  
#78D697 }
```

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

```
.border{ border-color:#78D697 }
```

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

Here you see how a box with a 4 pixel #78D697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D697; -webkit-box-shadow:4px 4px  
4px 4px #78D697; box-shadow:4px 4px 4px  
4px #78D697 }
```

Background

The CSS property to change the background color of an element to Hex 78D697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D697 }
```

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

```
.background{ background-color:#78D697 }
```

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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