

Converting Colors

Hex(76C28F)

Have a look what the booklet for
Hex(76C28F) contains.

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Color

Hex(76C28F)

Conversions

Conversions Part 1

Format	Color
Hex	76C28F
RGB	118, 194, 143
RGB Percent	46%, 76%, 56%
CMY	0.5373, 0.2392, 0.4392
CMYK	0.39, 0.00, 0.26, 0.24
HSL	140°, 38%, 61%
HSV	140°, 39%, 76%
XYZ	31.7209, 44.4183, 32.8883
YIQ	165.4620, -28.9250, -31.9730

Conversions

Conversions Part 2

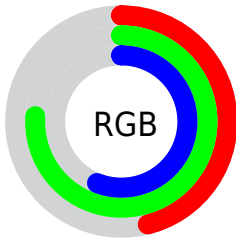
Format	Color
RYB	118, 175, 194
Decimal	7783055
CIELab	72.51, -34.68, 18.41
CIELCh	73, 39.258, 152.038
Yxy	44.4183, 0.2909, 0.4074
Android (android.graphics.Color)	4285973135 (0xFF76C28F)
YUV	165.4620, -11.0738, -41.6242
Hunter-Lab	66.6471, -31.6746, 17.3951

Details

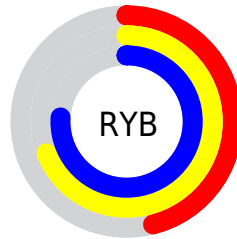
The Hex color **76C28F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C276A9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADFBC5**, and **418C5C** is the 20% darker color. If you saturate the color by 10%, you get **63C282**, and if you desaturate by 10%, it is **89C29C**.

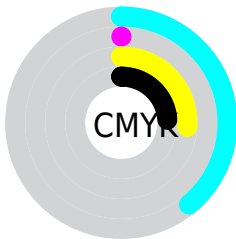
Distribution



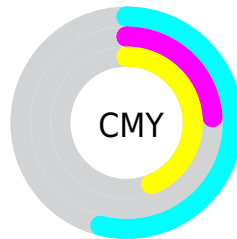
- Red (46%)
- Green (76%)
- Blue (56%)



- Red (46%)
- Yellow (69%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C28F 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 76C28F by changing the saturation by 10% instead.

 76C28F

 76C28F

FFFFFF

 5BA775

 ADFBC5

 418C5C

 C9FFE1

 257245

 E6FFFE

 00592E

 004118

 002A00

 001000

 000000

 76C28F

 76C28F

 63C282

 89C29C

 4FC275

 9DC2A9

 3CC268

 B0C2B6

 28C25B

 C4C2C3

 15C24E

 D7C2D0

 02C241

 EAC2DD

 00C240

 FEC2EA

 FFC2F7

 FFC2FF

Harmonies

Analogous

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



A1BB74



76C28F



44C5B3

Triad

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



76C28F



81B5F9



F6998E

Complementary

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



76C28F



C276A9

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.



F696B1



76C28F



B9A8EF

Square

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



76C28F



40BEF0



E19CD4



E5A473

Rectangle

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



76C28F



1DC5CC



E19CD4



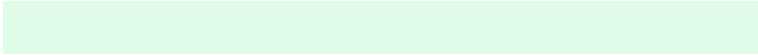
F89799

Sweetspot

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



76C28F



DEFCE8



AAC276



6E8074



000000



808080

Same Dimension

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



76C28F



86FCAD



76C2B4



57615A



00A135



00210B

Inverse Universe

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



C276A9



FC86D5



C27684



61575E



A1006C



210016

Previews

White Background



This preview shows how the Hex color 76C28F looks on a white background.

Color Contrast Check

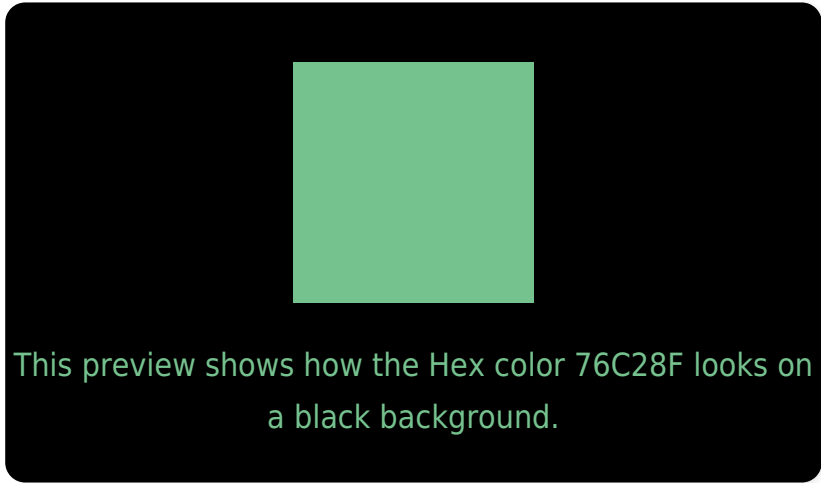
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

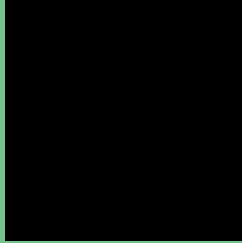
Any Text WCAG AA ✓ Pass

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 76C28F Background



This preview shows how black text looks on a background with the Hex color 76C28F.

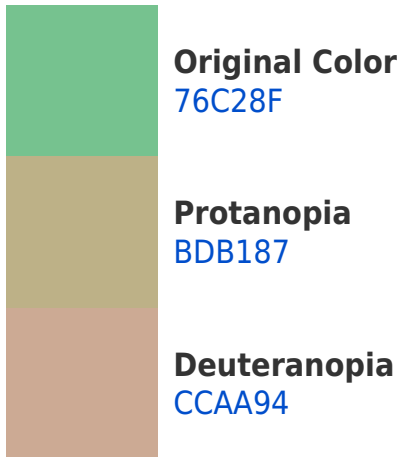


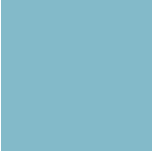
This preview shows how white text looks on a background with the Hex color 76C28F.

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
83BAC9

Trichromacy



Original Color
76C28F



Protanomaly
A3B78A



Deuteranomaly
ADB392



Tritanomaly
7EBDB4

Monochromacy



Original Color
76C28F



Achromatopsia
A5A5A5



Achromatomaly
94B09D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76C28F 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 #76C28F looks like.

```
.text, #text, p{  
    color:#76C28F  
}
```

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 #76C28F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C28F
}
```

Border

The CSS property to change the border of an element to Hex 76C28F 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
#76C28F }
```

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

```
.border{ border-color:#76C28F }
```

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

Here you see how a box with a 4 pixel #76C28F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C28F; -webkit-box-shadow:4px 4px  
4px 4px #76C28F; box-shadow:4px 4px 4px  
4px #76C28F }
```

Background

The CSS property to change the background color of an element to Hex 76C28F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C28F }
```

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

```
.background{ background-color:#76C28F }
```

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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