

Converting Colors

Hex(C77D87)

Have a look what the booklet for
Hex(C77D87) contains.

Hex(C77D87)	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(C77D87)

Conversions

Conversions Part 1

Format	Color
Hex	C77D87
RGB	199, 125, 135
RGB Percent	78%, 49%, 53%
CMY	0.2196, 0.5098, 0.4706
CMYK	0.00, 0.37, 0.32, 0.22
HSL	352°, 40%, 64%
HSV	352°, 37%, 78%
XYZ	35.2600, 28.5586, 26.5756
YIQ	148.2660, 40.8940, 18.7980

Conversions

Conversions Part 2

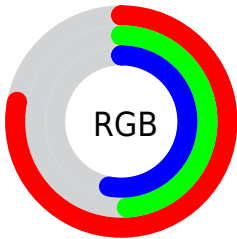
Format	Color
RYB	199, 125, 135
Decimal	13073799
CIELab	60.39, 30.00, 6.72
CIElCh	60, 30.743, 12.623
Yxy	28.5586, 0.3901, 0.3159
Android (android.graphics.Color)	4291263879 (0xFFC77D87)
YUV	148.2660, -6.5401, 44.4937
Hunter-Lab	53.4403, 24.2542, 7.9235

Details

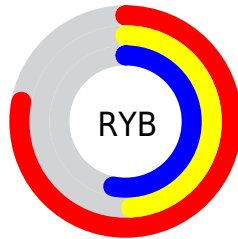
The Hex color **C77D87** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7DC7BD**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB2BC**, and **8F4B55** is the 20% darker color. If you saturate the color by 10%, you get **C76976**, and if you desaturate by 10%, it is **C79198**.

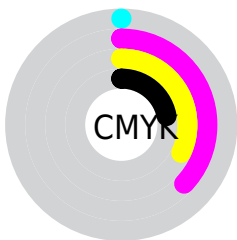
Distribution



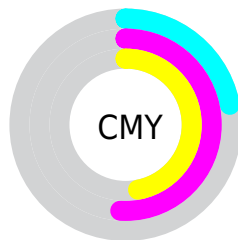
- Red (78%)
- Green (49%)
- Blue (53%)



- Red (78%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color C77D87 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 C77D87 by changing the saturation by 10% instead.

 C77D87

 C77D87

FFFFFF

 AB636E

 FFB2BC

 8F4B55

 FFCED8

 74333E

 FFEBF4

 5A1B29

 400214

 2B0001

 000000

 C77D87

 C77D87

 C76976

 C79198

 C75565

 C7A5A9

 C74153

 C7B9BB

 C72D42

 C7CDCC

 C71931

 C7E1DD

 C70620

 C7F4EE

 C7001B

 C7FFFF

Harmonies

Analogous

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



BD7FA2



C77D87



C2826E

Triad

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



C77D87



7A9B69



5399C5

Complementary

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



C77D87



7DC7BD

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.



319EB5



C77D87



599F81

Square

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



C77D87



99945C



39A09C



7E90C6

Rectangle

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



C77D87



B88762



39A09C



459BC1

Sweetspot

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



C77D87



FFE3E7



BC7DC7



806F71



000000



808080

Same Dimension

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



C77D87



FF8C9C



C7977D



635A5B



A30016



240005

Inverse Universe

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



C77D87



FF8C9C



7DADC7



635A5B



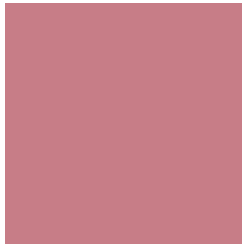
A30016



240005

Previews

White Background



This preview shows how the Hex color C77D87 looks on a white background.

Color Contrast Check

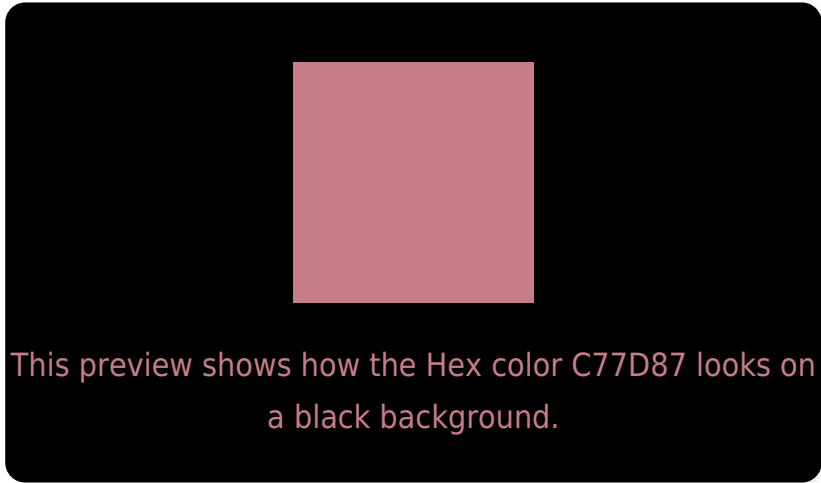
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex C77D87 Background



This preview shows how black text looks on a background with the Hex color C77D87.



This preview shows how white text looks on a background with the Hex color C77D87.

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



Original Color
C77D87

Protanopia
949192

Deuteranopia
A58D84



Tritanopia
C77D86

Trichromacy



Original Color
C77D87

Protanomaly
A78A8E

Deuteranomaly
B18785

Tritanomaly
C77D86

Monochromacy



Original Color
C77D87

Achromatopsia
949494

Achromatomaly
A78C8F

CSS Examples

Text

The CSS property to change the color of the text to Hex C77D87 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 #C77D87 looks like.

```
.text, #text, p{  
    color:#C77D87  
}
```

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 #C77D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77D87
}
```

Border

The CSS property to change the border of an element to Hex C77D87 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
#C77D87 }
```

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

```
.border{ border-color:#C77D87 }
```

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

Here you see how a box with a 4 pixel #C77D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77D87; -webkit-box-shadow:4px 4px  
4px 4px #C77D87; box-shadow:4px 4px 4px  
4px #C77D87 }
```

Background

The CSS property to change the background color of an element to Hex C77D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77D87 }
```

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

```
.background{ background-color:#C77D87 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor