

# Converting Colors

Hex(C88778)

Have a look what the booklet for  
Hex(C88778) contains.

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# **Color**

**Hex(C88778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C88778
RGB	200, 135, 120
RGB Percent	78%, 53%, 47%
CMY	0.2157, 0.4706, 0.5294
CMYK	0.00, 0.32, 0.40, 0.22
HSL	11°, 42%, 63%
HSV	11°, 40%, 78%
XYZ	35.8736, 30.9634, 21.8551
YIQ	152.7250, 43.5550, 9.1150

# Conversions

## Conversions Part 2

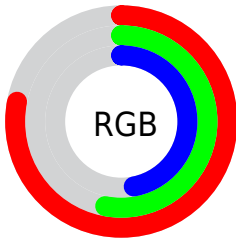
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 138, 120
Decimal	13141880
CIE <sub>Lab</sub>	62.48, 23.08, 18.20
CIE <sub>LCh</sub>	62, 29.393, 38.266
Y <sub>xy</sub>	30.9634, 0.4045, 0.3491
Android (android.graphics.Color)	4291331960 (0xFFC88778)
YUV	152.7250, -16.1334, 41.4602
Hunter-Lab	55.6447, 17.6987, 15.6645

# Details

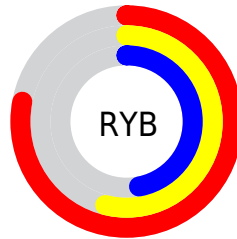
The Hex color **C88778** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78B9C8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBDAC**, and **905547** is the 20% darker color. If you saturate the color by 10%, you get **C87764**, and if you desaturate by 10%, it is **C8978C**.

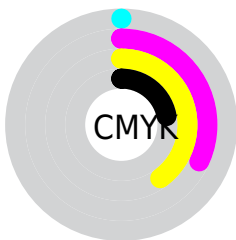
# Distribution



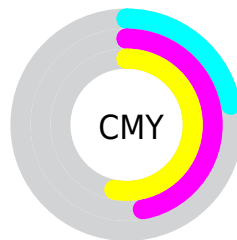
- Red (78%)
- Green (53%)
- Blue (47%)



- Red (78%)
- Yellow (54%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C88778 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 C88778 by changing the saturation by 10% instead.



 C88778

 C88778

FFFFFF

 AC6D5F

 FFBDAC

 905547

 FFD9C8

 753D31

 FFF5E4

 5A261C

 411002

 290000

 000000

 C88778

 C88778

 C87764

 C8978C

 C86750

 C8A8A0

 C8563C

 C8B8B4

 C84628

 C8C8C8

 C83614

 C8D8DC

 C82600

 C8E9F0

 C8F9FF

 C8FFFF

# Harmonies

## Analogous

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



CA8391



C88778



B98F67

# Triad

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



C88778



66A483



7F97CA

# Complementary

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



C88778



78B9C8

# 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.



589FC7



C88778



4AA59E

# Square

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



C88778



859F6D



3FA4B6



A48EC0

# Rectangle

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



C88778



AB9563



3FA4B6



729ACB

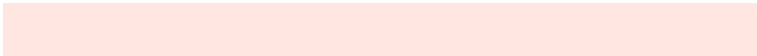


# Sweetspot

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



C88778



FFE6E0



C878B9



80716E



000000



808080



# Same Dimension

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



C88778



FF9C85



C8AF78



635B5A



A31F00



240700

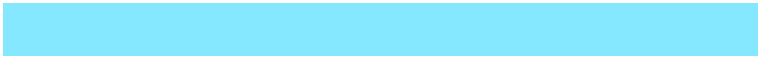


# Inverse Universe

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



78B9C8



85E8FF



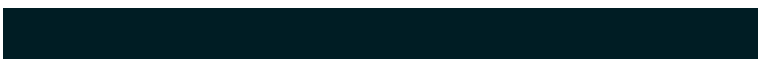
7891C8



5A6263



0085A3



001D24



# Previews

## White Background



This preview shows how the Hex color C88778 looks on a white background.

## Color Contrast Check

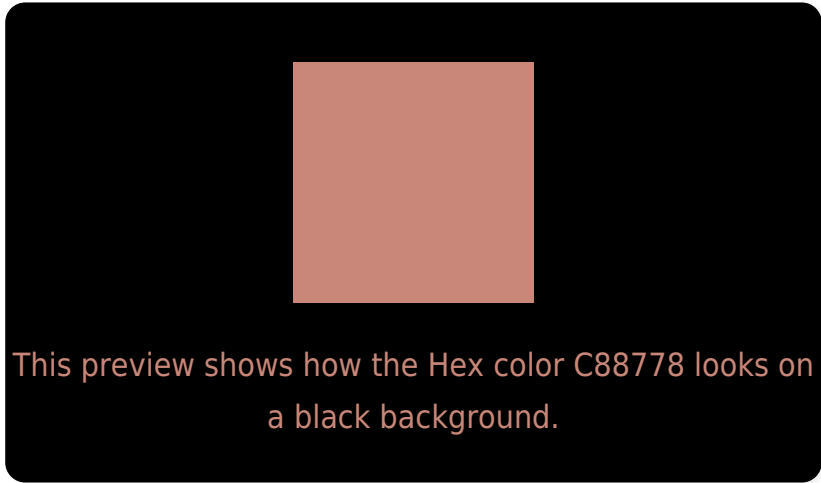
Large Text (above 18pt) WCAG AA × Fail

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 C88778 Background



This preview shows how black text looks on a background with the Hex color C88778.



This preview shows how white text looks on a background with the Hex color C88778.

# 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**  
C88778

**Protanopia**  
A09780

**Deuteranopia**  
B19176



**Tritanopia**  
CA848E

# Trichromacy



**Original Color**  
C88778

**Protanomaly**  
AF917D

**Deuteranomaly**  
B98D77

**Tritanomaly**  
C98586

# Monochromacy



**Original Color**  
C88778

**Achromatopsia**  
999999

**Achromatomaly**  
AA928D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C88778 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 #C88778 looks like.

```
.text, #text, p{  
    color:#C88778  
}
```

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 #C88778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C88778
}
```

## Border

The CSS property to change the border of an element to Hex C88778 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
#C88778 }
```

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

```
.border{ border-color:#C88778 }
```

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

Here you see how a box with a 4 pixel #C88778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C88778; -webkit-box-shadow:4px 4px  
4px 4px #C88778; box-shadow:4px 4px 4px  
4px #C88778 }
```

# Background

The CSS property to change the background color of an element to Hex C88778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C88778 }
```

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

```
.background{ background-color:#C88778 }
```

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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