

Converting Colors

Hex(C1837F)

Have a look what the booklet for
Hex(C1837F) contains.

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Color

Hex(C1837F)

Conversions

Conversions Part 1	
Format	Color
Hex	C1837F
RGB	193, 131, 127
RGB Percent	76%, 51%, 50%
CMY	0.2431, 0.4863, 0.5020
CMYK	0.00, 0.32, 0.34, 0.24
HSL	4°, 35%, 63%
HSV	4°, 34%, 76%
XYZ	33.9394, 29.1024, 23.9072
YIQ	149.0820, 38.2360, 11.9000

Conversions

Conversions Part 2

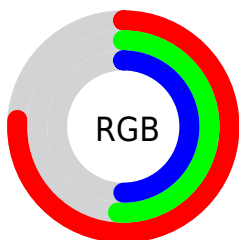
Format	Color
RYB	193, 131, 127
Decimal	12682111
CIELab	60.87, 23.38, 11.88
CIELCh	61, 26.226, 26.937
Yxy	29.1024, 0.3903, 0.3347
Android (android.graphics.Color)	4290872191 (0xFFC1837F)
YUV	149.0820, -10.8864, 38.5161
Hunter-Lab	53.9466, 17.8930, 11.4874

Details

The Hex color **C1837F** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7FBDC1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FBB8B4**, and **8A514E** is the 20% darker color. If you saturate the color by 10%, you get **C1716C**, and if you desaturate by 10%, it is **C19592**.

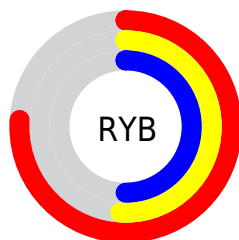
Distribution



Red (76%)

Green (51%)

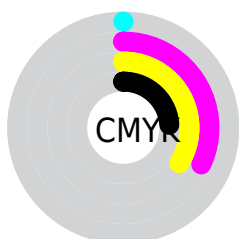
Blue (50%)



Red (76%)

Yellow (51%)

Blue (50%)

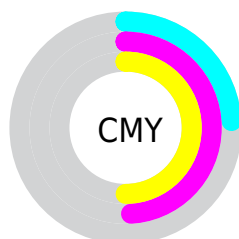


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1837F 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 C1837F by changing the saturation by 10% instead.

 C1837F

FFFFFF

 FBB8B4

 FFD4CF

 FFF1EB

 C1837F

 A56966

 8A514E

 6F3937

 552222

 3C0C0C

 270001

 000000

 C1837F

 C1837F

 C1716C

 C19592

 C15F58

 C1A7A6

 C14D45

 C1B9B9

 C13A32

 C1CCCC

 C1281E

 C1DEE0

 C1160B

 C1F0F3

 C10C00

 C1FFFF

Harmonies

Analogous

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



BE8296



C1837F



B8896D

Triad

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



C1837F



739D79



7196C1

Complementary

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



C1837F



7FBDC1

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.



539CB9



C1837F



59A090

Square

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



C1837F



8D9869



4A9FA7



938EBC

Rectangle

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



C1837F



AC8E66



4A9FA7



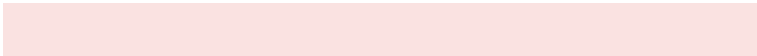
6698BF

Sweetspot

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



C1837F



FAE2E1



C17FBE



7D6F6E



FCFCFC



7D7D7D

Same Dimension

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



C1837F



FA9A93



C1A37F



615857



A10A00



210200

Inverse Universe

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



7FBDC1



93F4FA



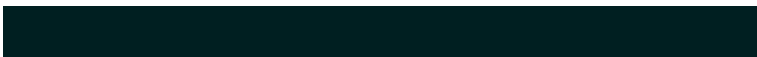
7F9DC1



576061



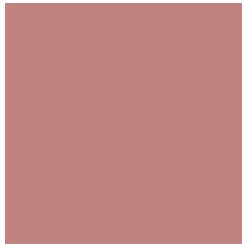
0097A1



001F21

Previews

White Background



This preview shows how the Hex color C1837F looks on a white background.

Color Contrast Check

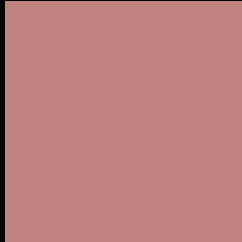
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C1837F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

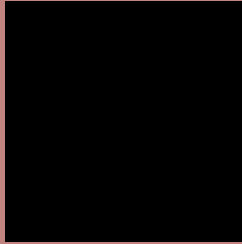
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C1837F Background



This preview shows how black text looks on a background with the Hex color C1837F.



This preview shows how white text looks on a background with the Hex color C1837F.

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

C1837F

Protanopia

999387





Deuteranopia

A98E7D


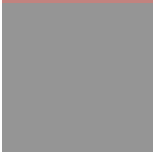


Tritanopia
C2818B

Trichromacy

	Original Color C1837F
	Protanomaly A88D84
	Deuteranomaly B28A7E
	Tritanomaly C28287

Monochromacy

	Original Color C1837F
	Achromatopsia 959595
	Achromatomaly A58E8D

CSS Examples

Text

The CSS property to change the color of the text to Hex C1837F 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 #C1837F looks like.

```
.text, #text, p{  
    color:#C1837F  
}
```

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 #C1837F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1837F
}
```

Border

The CSS property to change the border of an element to Hex C1837F 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
#C1837F }
```

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

```
.border{ border-color:#C1837F }
```

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

Here you see how a box with a 4 pixel #C1837F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1837F; -webkit-box-shadow:4px 4px  
4px 4px #C1837F; box-shadow:4px 4px 4px  
4px #C1837F }
```

Background

The CSS property to change the background color of an element to Hex C1837F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1837F }
```

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

```
.background{ background-color:#C1837F }
```

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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