Converting Colors

Hex(9CB07C)

Have a look what the booklet for Hex(9CB07C) contains.

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Color

Hex(9CB07C)

Conversions

Conversions Part 1

Format	Color
Hex	9CB07C
RGB	156, 176, 124
RGB Percent	61%, 69%, 49%
CMY	0.3882, 0.3098, 0.5137
CMYK	0.11, 0.00, 0.30, 0.31
HSL	83°, 25%, 59%
HSV	83°, 30%, 69%
XYZ	32.8737, 39.5738, 24.9747
YIQ	164.0920, 4.7720, -20.4120

Conversions

Conversions Part 2

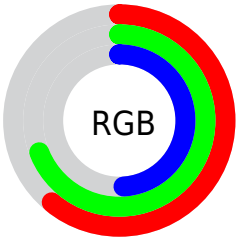
Format	Color
RYB	124, 176, 144
Decimal	10268796
CIELab	69.16, -16.12, 24.41
CIELCh	69, 29.250, 123.437
Yxy	39.5738, 0.3374, 0.4062
Android (android.graphics.Color)	4288458876 (0xFF9CB07C)
YUV	164.0920, -19.7654, -7.0967
Hunter-Lab	62.9077, -16.8097, 20.4970

Details

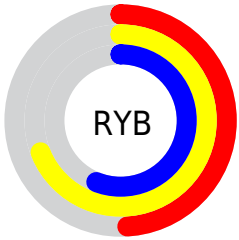
The Hex color 9CB07C is a light color, and the websafe version is hex 999966. A complement of this color would be 907CB0, and the grayscale version is A4A4A4.

A 20% lighter version of the original color is D3E8B1, and 687B4B is the 20% darker color. If you saturate the color by 10%, you get 95B06A, and if you desaturate by 10%, it is A3B08E.

Distribution

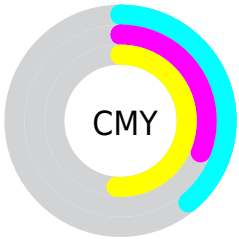


- Red (61%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (56%)

- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)



- Cyan (39%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CB07C 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 9CB07C by changing the saturation by 10% instead.

9CB07C	9CB07C
FFFFFF	829563
D3E8B1	687B4B
EFFFCC	4F6333
FFFFE9	384B1D
	213406
	091F00
	000000

9CB07C	9CB07C
95B06A	A3B08E

8EB059	AAB09F
88B047	B0B0B1
81B036	B7B0C2
7AB024	BEB0D4
73B012	C5B0E6
6DB001	CBB0F7
6CB000	D2B0FF
	D9B0FF

Harmonies

Analogous

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

B9A874

9CB07C

7DB590

Triad

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

9CB07C

66B2D7

DC95A7

Complementary

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

9CB07C

907CB0

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.

CD99C1

9CB07C

8BAADD

Square

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

9CB07C

54B6C5

B1A1D5

DC988D

Rectangle

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

9CB07C

6AB7A2

B1A1D5

D996B0

Sweetspot

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

9CB07C

DEE6D1

B0907C

6E7366

F2F2F2

737373

Same Dimension

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

9CB07C

C7E695

82B07C

565950

5E9900

101A00

Inverse Universe

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

907CB0

B495E6

AA7CB0

545059

3B0099

0A001A

Previews

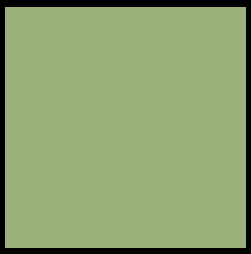
White Background

This preview shows how the Hex color 9CB07C 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



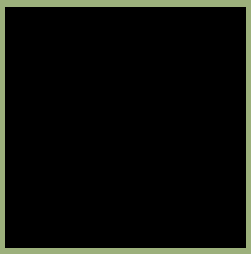
This preview shows how the Hex color 9CB07C looks on a black background.

Color Contrast Check

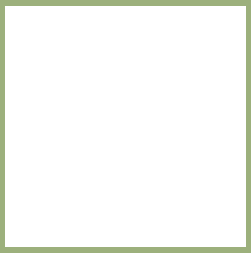
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 9CB07C Background



This preview shows how black text looks on a background with the Hex color 9CB07C.



This preview shows how white text looks on a background with the Hex color 9CB07C.

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
9CB07C

Protanopia
B5A879

Deuteranopia
C6A27F

Tritanopia
A4A9B6

Trichromacy

Original Color
9CB07C

Protanomaly
ACAB7A

Deuteranomaly
B7A77E

Tritanomaly
A1ACA1

Monochromacy

Original Color
9CB07C

Achromatopsia
A4A4A4

Achromatomaly
A1A895

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB07C 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 #9CB07C looks like.

```
.text, #text, p{
    color:#9CB07C
}
```

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 #9CB07C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB07C
}
```

Border

The CSS property to change the border of an element to Hex 9CB07C 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
#9CB07C }
```

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

```
.border{ border-color:#9CB07C }
```

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

Here you see how a box with a 4 pixel #9CB07C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #9CB07C; -webkit-box-shadow:4px 4px 4px 4px #9CB07C; box-shadow:4px 4px 4px 4px #9CB07C }
```

Background

The CSS property to change the background color of an element to Hex 9CB07C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#9CB07C }
```

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

```
.background{ background-color:#9CB07C }
```

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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