

Converting Colors

Hex(C1D47B)

Have a look what the booklet for
Hex(C1D47B) contains.

Hex(C1D47B)	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(C1D47B)

Conversions

Conversions Part 1

Format	Color
Hex	C1D47B
RGB	193, 212, 123
RGB Percent	76%, 83%, 48%
CMY	0.2431, 0.1686, 0.5176
CMYK	0.09, 0.00, 0.42, 0.17
HSL	73°, 51%, 66%
HSV	73°, 42%, 83%
XYZ	49.1110, 59.8545, 27.7035
YIQ	196.1730, 17.2450, -31.7070

Conversions

Conversions Part 2

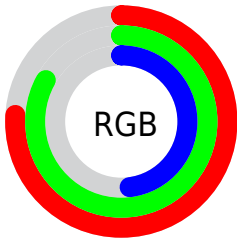
Format	Color
RYB	123, 212, 142
Decimal	12702843
CIELab	81.76, -20.15, 41.82
CIELCh	82, 46.421, 115.732
Yxy	59.8545, 0.3593, 0.4380
Android (android.graphics.Color)	4290892923 (0xFFC1D47B)
YUV	196.1730, -36.0743, -2.7827
Hunter-Lab	77.3657, -22.0799, 32.9251

Details

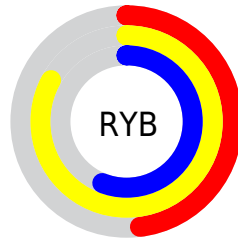
The Hex color **C1D47B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8E7BD4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FBFFB1**, and **8A9D48** is the 20% darker color. If you saturate the color by 10%, you get **BCD466**, and if you desaturate by 10%, it is **C6D490**.

Distribution



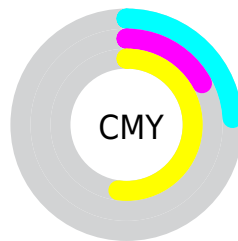
- Red (76%)
- Green (83%)
- Blue (48%)



- Red (48%)
- Yellow (83%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1D47B 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 C1D47B by changing the saturation by 10% instead.

 C1D47B

FFFFFF

 FBFFB1

 FFFFCD

 FFFFE9

 C1D47B

 A5B861

 8A9D48

 6F832F

 566A15

 3D5200

 253B00

 0A2500

 000C00

 000000

 C1D47B

 C1D47B

 BCD466

 C6D490

 B8D451

 CAD4A5

 B3D43B

 CFD4BB

 AFD426

 D3D4D0

 AAD411

 D8D4E5

 A7D400

 DCD4FA

 E1D4FF

 E5D4FF

 EAD4FF

Harmonies

Analogous

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



EDC774



C1D47B



8DDD99

Triad

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



C1D47B



00DCFF



FFA9D3

Complementary

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



C1D47B



8E7BD4

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.



FCB3FD



C1D47B



7DD1FF

Square

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



C1D47B



00E2F0



C7C2FF



FFABA8

Rectangle

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



C1D47B



65E1B4



C7C2FF



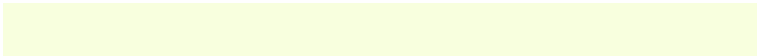
FFABE2

Sweetspot

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



C1D47B



F8FFDE



D48D7B



7B806B



000000



808080

Same Dimension

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



C1D47B



E4FF80



96D47B



696B60



86AB00



222B00

Inverse Universe

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



8E7BD4



9B80FF



B97BD4



63606B



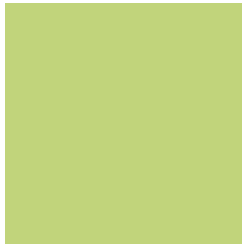
2400AB



09002B

Previews

White Background



This preview shows how the Hex color C1D47B looks on a white background.

Color Contrast Check

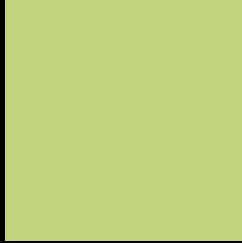
Large Text (above 18pt) WCAG AA × Fail

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 C1D47B 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 C1D47B Background



This preview shows how black text looks on a background with the Hex color C1D47B.

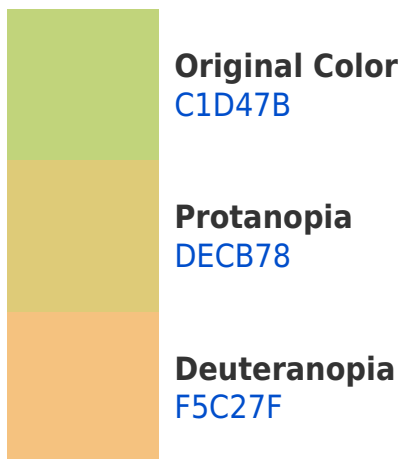


This preview shows how white text looks on a background with the Hex color C1D47B.

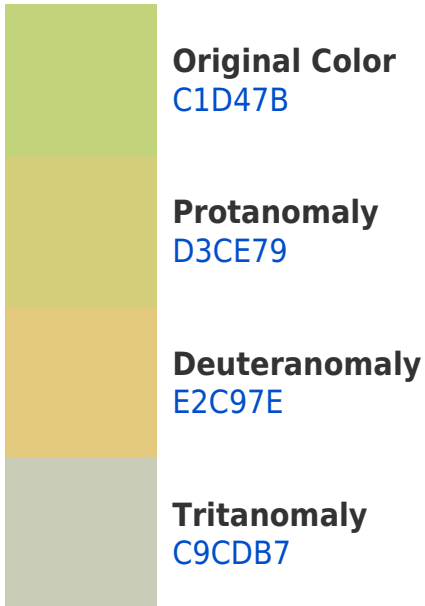
Color Blindness Simulation

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](#).

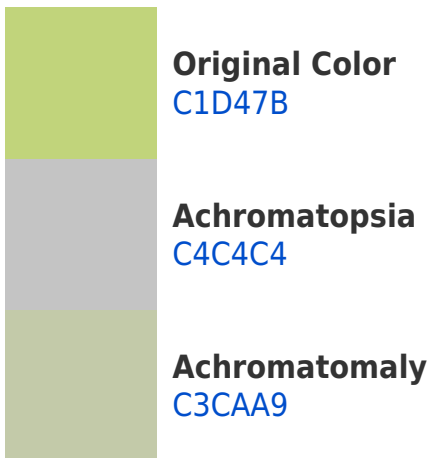
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1D47B 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 #C1D47B looks like.

```
.text, #text, p{  
    color:#C1D47B  
}
```

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 #C1D47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D47B
}
```

Border

The CSS property to change the border of an element to Hex C1D47B 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
#C1D47B }
```

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

```
.border{ border-color:#C1D47B }
```

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

Here you see how a box with a 4 pixel #C1D47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D47B; -webkit-box-shadow:4px 4px  
4px 4px #C1D47B; box-shadow:4px 4px 4px  
4px #C1D47B }
```

Background

The CSS property to change the background color of an element to Hex C1D47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D47B }
```

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

```
.background{ background-color:#C1D47B }
```

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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