

Converting Colors

Hex(67D1A2)

Have a look what the booklet for
Hex(67D1A2) contains.

Hex(67D1A2)	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(67D1A2)

Conversions

Conversions Part 1

Format	Color
Hex	67D1A2
RGB	103, 209, 162
RGB Percent	40%, 82%, 64%
CMY	0.5961, 0.1804, 0.3647
CMYK	0.51, 0.00, 0.22, 0.18
HSL	153°, 54%, 61%
HSV	153°, 51%, 82%
XYZ	34.9156, 51.0931, 42.2041
YIQ	171.9480, -48.0890, -37.0890

Conversions

Conversions Part 2

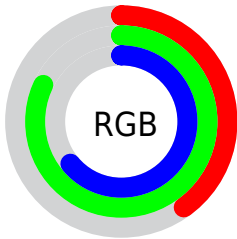
Format	Color
RYB	103, 171, 209
Decimal	6803874
CIELab	76.74, -41.63, 14.06
CIELCh	77, 43.939, 161.331
Yxy	51.0931, 0.2723, 0.3985
Android (android.graphics.Color)	4284993954 (0xFF67D1A2)
YUV	171.9480, -4.9044, -60.4674
Hunter-Lab	71.4795, -37.8972, 15.0286

Details

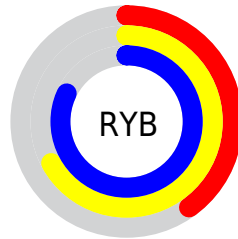
The Hex color **67D1A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D16796**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A0FFD9**, and **299A6E** is the 20% darker color. If you saturate the color by 10%, you get **52D199**, and if you desaturate by 10%, it is **7CD1AB**.

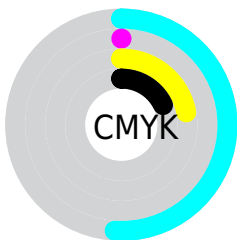
Distribution



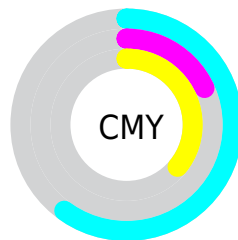
- Red (40%)
- Green (82%)
- Blue (64%)



- Red (40%)
- Yellow (67%)
- Blue (82%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (60%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D1A2 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 67D1A2 by changing the saturation by 10% instead.

 67D1A2

 67D1A2

FFFFFF

 4AB588

 A0FFD9

 299A6E

 BDFFF5

 007F56

 DAFFFF

 00663E

 F8FFFF

 004D28

 003514

 001F00

 000000

 67D1A2

 67D1A2

■ 52D199

■ 7CD1AB

■ 3DD18F

■ 91D1B5

■ 28D186

■ A6D1BE

■ 13D17D

■ BBD1C7

■ 00D174

■ D0D1D0

■ E4D1DA

■ F9D1E3

■ FFD1EC

■ FFD1F5

Harmonies

Analogous

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



9CCB7F



67D1A2



15D3CC

Triad

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



67D1A2



9ABCFF



FFA58A

Complementary

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



67D1A2



D16796

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.



FF9DAF



67D1A2



D6ADFB

Square

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



67D1A2



4CC9FF



FCA1D8



EDB271

Rectangle

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



67D1A2



00D2E6



FCA1D8



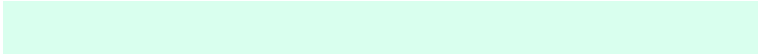
FFA195

Sweetspot

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



67D1A2



D9FFEE



97D167



698075



000000



808080

Same Dimension

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



67D1A2



63FFBA



67CCD1



5E6964



00A85E



002917

Inverse Universe

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



D16796



FF63A8



D16C67



695E63



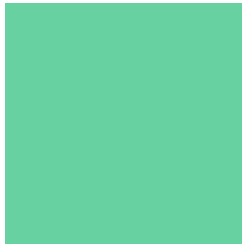
A8004B



290012

Previews

White Background



This preview shows how the Hex color 67D1A2 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 67D1A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

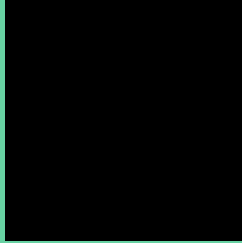
Any Text WCAG AA ✓ Pass

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 67D1A2 Background



This preview shows how black text looks on a background with the Hex color 67D1A2.

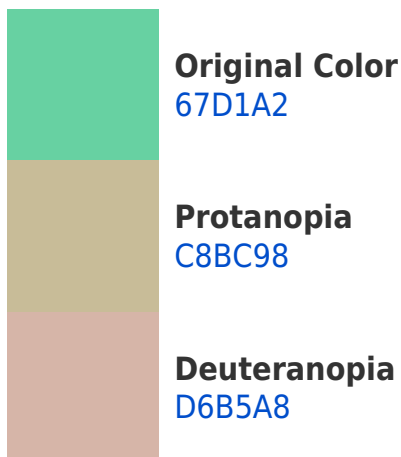


This preview shows how white text looks on a background with the Hex color 67D1A2.

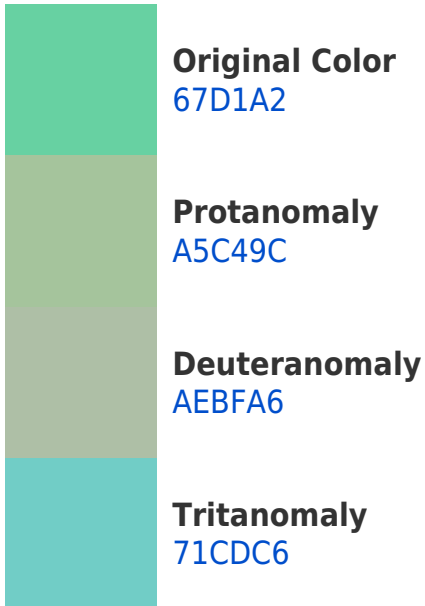
Color Blindness Simulation

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](#).

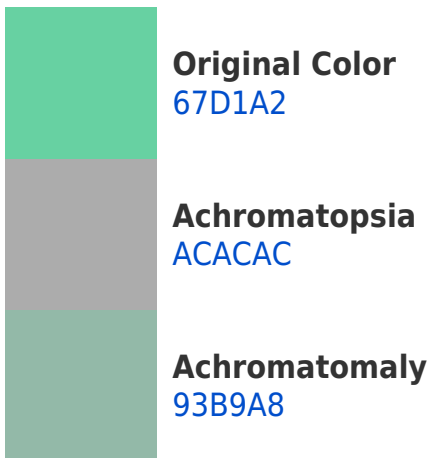
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67D1A2 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 #67D1A2 looks like.

```
.text, #text, p{  
    color:#67D1A2  
}
```

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 #67D1A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D1A2
}
```

Border

The CSS property to change the border of an element to Hex 67D1A2 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
#67D1A2 }
```

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

```
.border{ border-color:#67D1A2 }
```

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

Here you see how a box with a 4 pixel #67D1A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D1A2; -webkit-box-shadow:4px 4px  
4px 4px #67D1A2; box-shadow:4px 4px 4px  
4px #67D1A2 }
```

Background

The CSS property to change the background color of an element to Hex 67D1A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D1A2 }
```

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

```
.background{ background-color:#67D1A2 }
```

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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