

Converting Colors

Hex(66D2A2)

Have a look what the booklet for
Hex(66D2A2) contains.

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Color

Hex(66D2A2)

Conversions

Conversions Part 1

Format	Color
Hex	66D2A2
RGB	102, 210, 162
RGB Percent	40%, 82%, 64%
CMY	0.6000, 0.1765, 0.3647
CMYK	0.51, 0.00, 0.23, 0.18
HSL	153°, 55%, 61%
HSV	153°, 51%, 82%
XYZ	35.0477, 51.5266, 42.2808
YIQ	172.2360, -48.9600, -37.8240

Conversions

Conversions Part 2

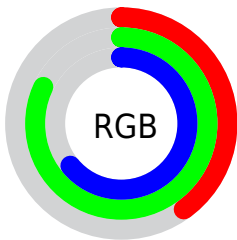
Format	Color
RYB	102, 171, 210
Decimal	6738594
CIELab	77.00, -42.30, 14.43
CIElCh	77, 44.696, 161.168
Yxy	51.5266, 0.2720, 0.3999
Android (android.graphics.Color)	4284928674 (0xFF66D2A2)
YUV	172.2360, -5.0463, -61.5970
Hunter-Lab	71.7820, -38.4657, 15.3246

Details

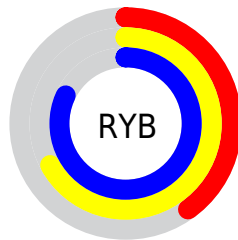
The Hex color **66D2A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D26696**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9FFFD9**, and **289B6E** is the 20% darker color. If you saturate the color by 10%, you get **51D299**, and if you desaturate by 10%, it is **7BD2AB**.

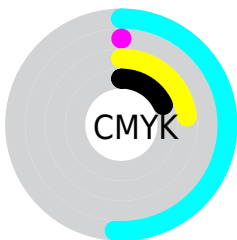
Distribution



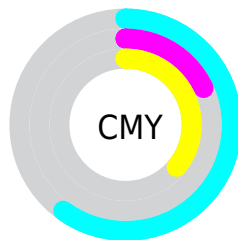
- Red (40%)
- Green (82%)
- Blue (64%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 66D2A2 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 66D2A2 by changing the saturation by 10% instead.

 66D2A2

 66D2A2

FFFFFF

 49B688

 9FFFD9

 289B6E

 BCFFF5

 008056

 DAFFFF

 00663E

 F7FFFF

 004D28

 003613

 002000

 000000

 66D2A2

 66D2A2

 51D299

 7BD2AB

 3CD28F

 90D2B5

 27D286

 A5D2BE

 12D27D

 BAD2C7

 00D275

 CFD2D1

 E4D2DA

 F9D2E3

 FFD2ED

 FFD2F6

Harmonies

Analogous

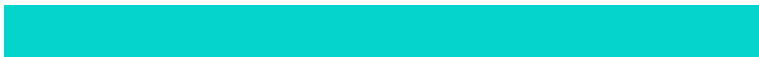
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CCC7E



66D2A2



05D4CD

Triad

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



66D2A2



9ABDFF



FFA58A

Complementary

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



66D2A2



D26696

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.



FF9DB0



66D2A2



D6AEFD

Square

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



66D2A2



48CAFF



FEA1DA



EFB370

Rectangle

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



66D2A2



00D3E8



FEA1DA



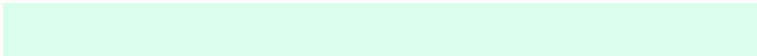
FFA195

Sweetspot

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



66D2A2



D9FFEE



97D266



698075



000000



808080

Same Dimension

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



66D2A2



61FFB9



66CDD2



5E6964



00A85D



002917

Inverse Universe

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



D26696



FF61A7



D26B66



695E63



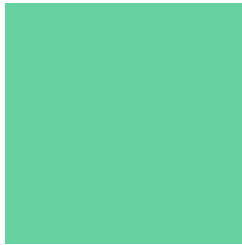
A8004B



290012

Previews

White Background



This preview shows how the Hex color 66D2A2 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 66D2A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

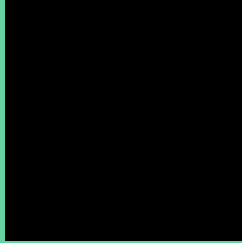
Any Text WCAG AA ✓ Pass

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 66D2A2 Background



This preview shows how black text looks on a background with the Hex color 66D2A2.

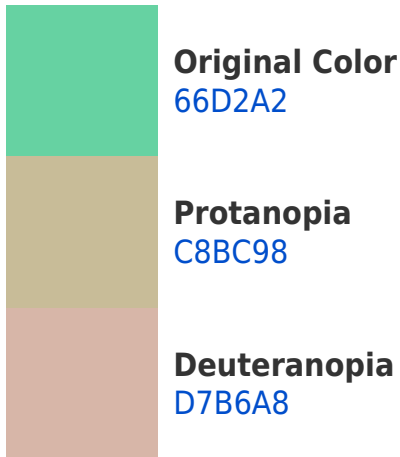


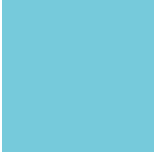
This preview shows how white text looks on a background with the Hex color 66D2A2.

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





Tritanopia
76CADB

Trichromacy



Original Color
66D2A2



Protanomaly
A4C49C



Deuteranomaly
AEC0A6



Tritanomaly
70CDC6

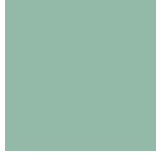
Monochromacy



Original Color
66D2A2



Achromatopsia
ACACAC



Achromatomaly
93BAA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 66D2A2 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 #66D2A2 looks like.

```
.text, #text, p{  
    color:#66D2A2  
}
```

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 #66D2A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D2A2
}
```

Border

The CSS property to change the border of an element to Hex 66D2A2 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
#66D2A2 }
```

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

```
.border{ border-color:#66D2A2 }
```

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

Here you see how a box with a 4 pixel #66D2A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D2A2; -webkit-box-shadow:4px 4px  
4px 4px #66D2A2; box-shadow:4px 4px 4px  
4px #66D2A2 }
```

Background

The CSS property to change the background color of an element to Hex 66D2A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D2A2 }
```

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

```
.background{ background-color:#66D2A2 }
```

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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