

Converting Colors

Hex(66D3A0)

Have a look what the booklet for
Hex(66D3A0) contains.

Hex(66D3A0)	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(66D3A0)

Conversions

Conversions Part 1

Format	Color
Hex	66D3A0
RGB	102, 211, 160
RGB Percent	40%, 83%, 63%
CMY	0.6000, 0.1725, 0.3725
CMYK	0.52, 0.00, 0.24, 0.17
HSL	152°, 55%, 61%
HSV	152°, 52%, 83%
XYZ	35.1189, 51.9514, 41.4344
YIQ	172.5950, -48.5930, -38.9690

Conversions

Conversions Part 2

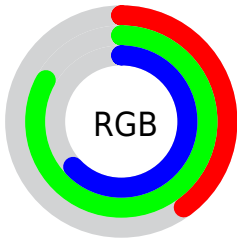
Format	Color
RYB	102, 173, 211
Decimal	6738848
CIELab	77.25, -43.16, 15.85
CIELCh	77, 45.977, 159.838
Yxy	51.9514, 0.2733, 0.4043
Android (android.graphics.Color)	4284928928 (0xFF66D3A0)
YUV	172.5950, -6.2093, -61.9118
Hunter-Lab	72.0773, -39.1630, 16.3707

Details

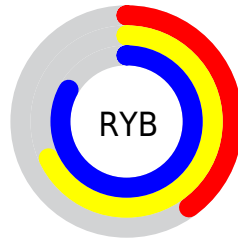
The Hex color **66D3A0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D36699**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9FFFD7**, and **279C6C** is the 20% darker color. If you saturate the color by 10%, you get **51D396**, and if you desaturate by 10%, it is **7BD3AA**.

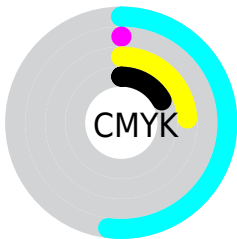
Distribution



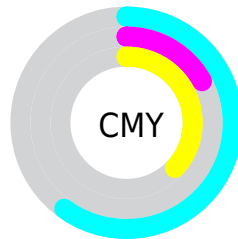
- Red (40%)
- Green (83%)
- Blue (63%)



- Red (40%)
- Yellow (68%)
- Blue (83%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (60%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D3A0 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 66D3A0 by changing the saturation by 10% instead.

 66D3A0

 66D3A0

FFFFFF

 48B786

 9FFFD7

 279C6C

 BCFFF3

 008154

 DAFFFF

 00673D

 F8FFFF

 004E26

 003612

 002100

 000000

 66D3A0

 66D3A0

 51D396

 7BD3AA

 3CD38C

 90D3B4

 27D382

 A5D3BE

 12D379

 BAD3C7

 00D370

 D0D3D1

 E5D3DB

 FAD3E5

 FFD3EF

 FFD3F9

Harmonies

Analogous

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



9ECC7C



66D3A0



00D5CC

Triad

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



66D3A0



96BEFF



FFA48A

Complementary

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



66D3A0



D36699

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.



FF9DB2



66D3A0



D5AEFF

Square

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



66D3A0



3BCBFF



FFA1DD



F2B26F

Rectangle

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



66D3A0



00D4E8



FFA1DD



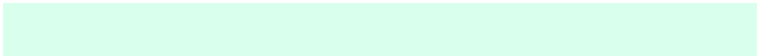
FFA097

Sweetspot

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



66D3A0



D9FFED



9BD366



698075



000000



808080

Same Dimension

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



66D3A0



61FFB5



66D1D3



5E6964



00A85A



002916

Inverse Universe

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



D36699



FF61AB



D36866



695E63



A8004F



290013

Previews

White Background



This preview shows how the Hex color 66D3A0 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 66D3A0 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 66D3A0 Background



This preview shows how black text looks on a background with the Hex color 66D3A0.

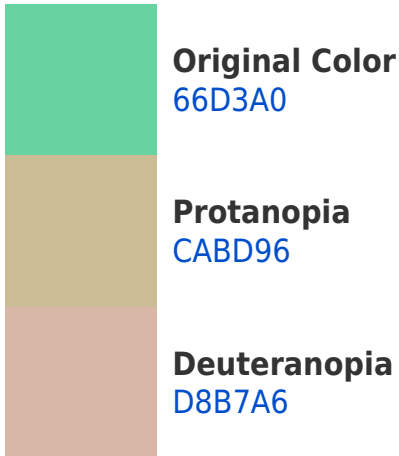


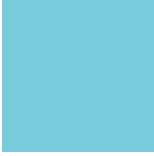
This preview shows how white text looks on a background with the Hex color 66D3A0.

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](#).

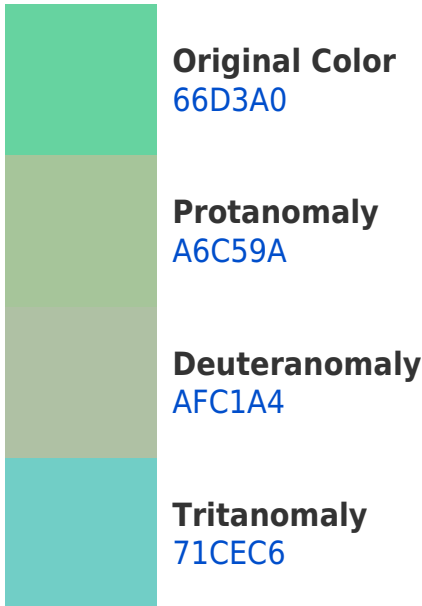
Dichromacy



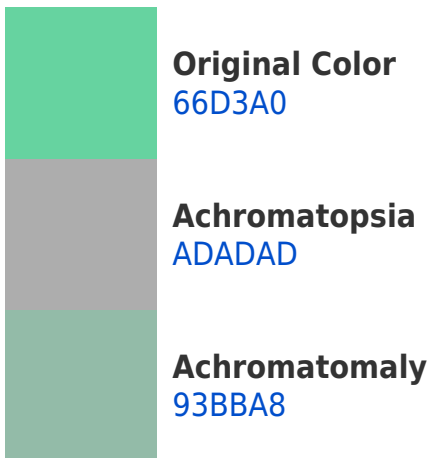


Tritanopia
77CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D3A0 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 #66D3A0 looks like.

```
.text, #text, p{  
    color:#66D3A0  
}
```

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 #66D3A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D3A0
}
```

Border

The CSS property to change the border of an element to Hex 66D3A0 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
#66D3A0 }
```

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

```
.border{ border-color:#66D3A0 }
```

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

Here you see how a box with a 4 pixel #66D3A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D3A0; -webkit-box-shadow:4px 4px  
4px 4px #66D3A0; box-shadow:4px 4px 4px  
4px #66D3A0 }
```

Background

The CSS property to change the background color of an element to Hex 66D3A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D3A0 }
```

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

```
.background{ background-color:#66D3A0 }
```

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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