

Converting Colors

Hex(66DAC3)

Have a look what the booklet for
Hex(66DAC3) contains.

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Color

Hex(66DAC3)

Conversions

Conversions Part 1

Format	Color
Hex	66DAC3
RGB	102, 218, 195
RGB Percent	40%, 85%, 76%
CMY	0.6000, 0.1451, 0.2353
CMYK	0.53, 0.00, 0.11, 0.15
HSL	168°, 61%, 63%
HSV	168°, 53%, 85%
XYZ	40.4012, 56.9077, 60.4847
YIQ	180.6940, -61.7530, -31.7450

Conversions

Conversions Part 2

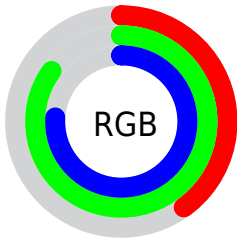
Format	Color
RYB	102, 166, 218
Decimal	6740675
CIELab	80.13, -38.40, 1.33
CIELCh	80, 38.423, 178.019
Yxy	56.9077, 0.2560, 0.3606
Android (android.graphics.Color)	4284930755 (0xFF66DAC3)
YUV	180.6940, 7.0529, -69.0146
Hunter-Lab	75.4372, -36.4175, 5.2680

Details

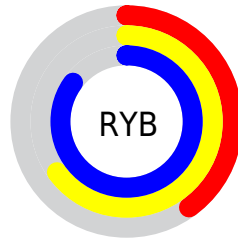
The Hex color **66DAC3** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DA667D**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A1FFFB**, and **22A28D** is the 20% darker color. If you saturate the color by 10%, you get **50DABF**, and if you desaturate by 10%, it is **7CDAC7**.

Distribution



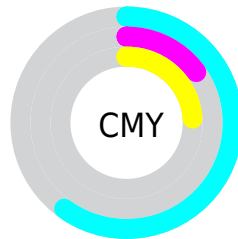
- Red (40%)
- Green (85%)
- Blue (76%)



- Red (40%)
- Yellow (65%)
- Blue (85%)



- Cyan (53%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (60%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DAC3 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 66DAC3 by changing the saturation by 10% instead.

 66DAC3

 66DAC3

FFFFFF

 47BEA8

 A1FFFB

 22A28D

 BEFFFF

 008874

 DCFFFF

 006E5B

 FAFFFF

 005544

 003D2E

 002719

 000100

 000000

 66DAC3

 66DAC3

 50DABF

 7CDAC7

 3ADABA

 92DACC

 25DAB6

 A7DAD0

 0FDAB2

 BDDAD4

 00DAAF

 D3DAD9

 E9DADD

 FFDAE1

 FFDAE6

 FFDAEA

Harmonies

Analogous

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



92D6A0



66DAC3



46D9E7

Triad

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



66DAC3



C8BEFF



FEB78B

Complementary

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



66DAC3



DA667D

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.



FFAEA7



66DAC3



F2B2ED

Square

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



66DAC3



91CBFF



FFACCB



E1C47F

Rectangle

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



66DAC3



4DD7FB



FFACCB



FFB493

Sweetspot

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



66DAC3



D6FFF7



7DDA66



67807B



000000



808080

Same Dimension

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



66DAC3



5CFFDF



66B7DA



636E6B



00AD8B



002E25

Inverse Universe

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



DA667D



FF5C7C



DA8966



6E6365



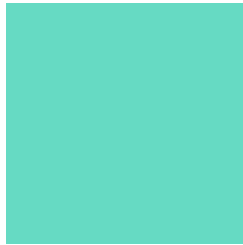
AD0022



2E0009

Previews

White Background



This preview shows how the Hex color 66DAC3 looks on a white background.

Color Contrast Check

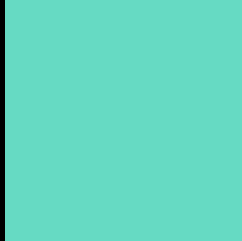
Large Text (above 18pt) WCAG AA × Fail

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 66DAC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

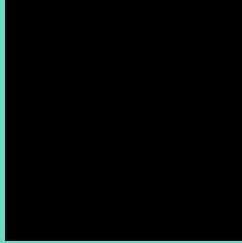
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

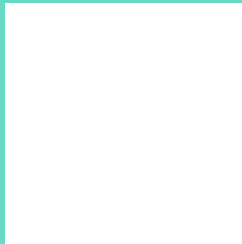
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 66DAC3 Background



This preview shows how black text looks on a background with the Hex color 66DAC3.

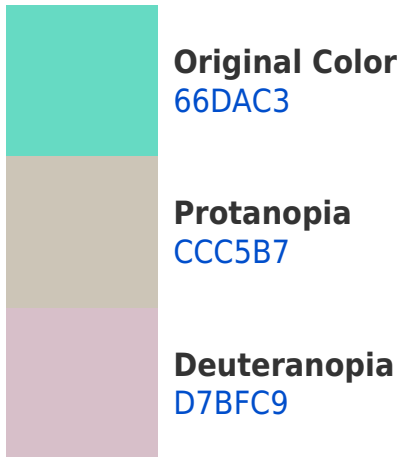


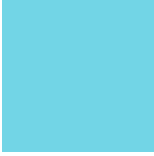
This preview shows how white text looks on a background with the Hex color 66DAC3.

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
72D5E6

Trichromacy



Original Color
66DAC3



Protanomaly
A7CDBB



Deuteranomaly
AEC9C7

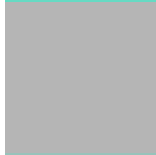


Tritanomaly
6ED7D9

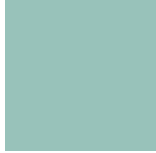
Monochromacy



Original Color
66DAC3



Achromatopsia
B5B5B5



Achromatomaly
98C2BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 66DAC3 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 #66DAC3 looks like.

```
.text, #text, p{  
    color:#66DAC3  
}
```

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 #66DAC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DAC3  
}
```

Border

The CSS property to change the border of an element to Hex 66DAC3 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  
#66DAC3 }
```

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

```
.border{ border-color:#66DAC3 }
```

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

Here you see how a box with a 4 pixel #66DAC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DAC3; -webkit-box-shadow:4px 4px  
4px 4px #66DAC3; box-shadow:4px 4px 4px  
4px #66DAC3 }
```

Background

The CSS property to change the background color of an element to Hex 66DAC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DAC3 }
```

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

```
.background{ background-color:#66DAC3 }
```

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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