

Converting Colors

Hex(61D7A3)

Have a look what the booklet for
Hex(61D7A3) contains.

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Color

Hex(61D7A3)

Conversions

Conversions Part 1

Format	Color
Hex	61D7A3
RGB	97, 215, 163
RGB Percent	38%, 84%, 64%
CMY	0.6196, 0.1569, 0.3608
CMYK	0.55, 0.00, 0.24, 0.16
HSL	154°, 60%, 61%
HSV	154°, 55%, 84%
XYZ	35.8411, 53.7866, 43.1432
YIQ	173.7900, -53.6360, -41.1880

Conversions

Conversions Part 2

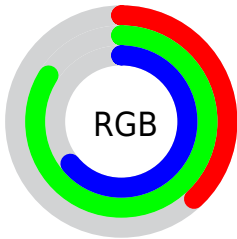
Format	Color
RYB	97, 173, 215
Decimal	6412195
CIELab	78.34, -45.40, 15.75
CIELCh	78, 48.051, 160.862
Yxy	53.7866, 0.2699, 0.4051
Android (android.graphics.Color)	4284602275 (0xFF61D7A3)
YUV	173.7900, -5.3195, -67.3448
Hunter-Lab	73.3394, -41.1106, 16.4592

Details

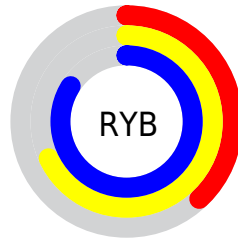
The Hex color **61D7A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D76195**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9CFFDA**, and **1C9F6F** is the 20% darker color. If you saturate the color by 10%, you get **4CD79A**, and if you desaturate by 10%, it is **76D7AC**.

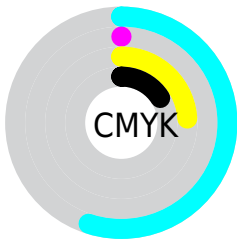
Distribution



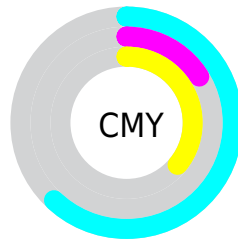
- Red (38%)
- Green (84%)
- Blue (64%)



- Red (38%)
- Yellow (68%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D7A3 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 61D7A3 by changing the saturation by 10% instead.

 61D7A3

 61D7A3

FFFFFF

 42BB89

 9CFFDA

 1C9F6F

 B9FFF7

 008557

 D6FFFF

 006B3F

 F4FFFF

 005129

 003914

 002400

 000000

 61D7A3

 61D7A3

 4CD79A

 76D7AC

 36D790

 8CD7B6

 21D787

 A2D7BF

 0BD77D

 B7D7C9

 00D778

 CDD7D2

 E2D7DC

 F7D7E5

 FFD7EF

 FFD7F8

Harmonies

Analogous

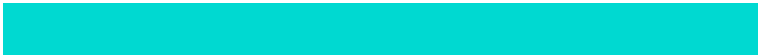
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DD07C



61D7A3



00D9D1

Triad

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



61D7A3



98C1FF



FFA689

Complementary

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



61D7A3



D76195

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.



FF9EB3



61D7A3



DBB0FF

Square

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



61D7A3



33CEFF



FFA2E0



F6B56D

Rectangle

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



61D7A3



00D8EE



FFA2E0



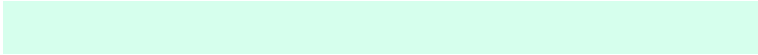
FFA296

Sweetspot

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



61D7A3



D6FFED



96D761



678075



000000



808080

Same Dimension

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



61D7A3



57FFB5



61D1D7



606B66



00AB60



002B18

Inverse Universe

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



D76195



FF57A1



D76761



6B6065



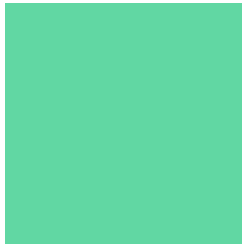
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 61D7A3 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 61D7A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

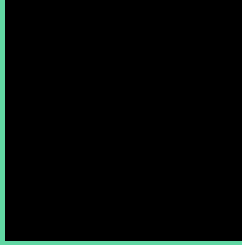
Any Text WCAG AA ✓ Pass

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 61D7A3 Background



This preview shows how black text looks on a background with the Hex color 61D7A3.

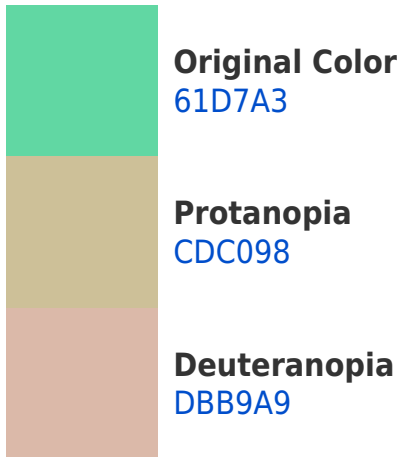


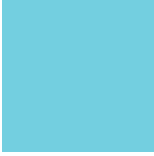
This preview shows how white text looks on a background with the Hex color 61D7A3.

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
73CFE0

Trichromacy



Original Color
61D7A3



Protanomaly
A6C89C



Deuteranomaly
AFC4A7



Tritanomaly
6CD2CA

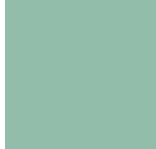
Monochromacy



Original Color
61D7A3



Achromatopsia
AEAEAE



Achromatomaly
92BDAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 61D7A3 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 #61D7A3 looks like.

```
.text, #text, p{  
    color:#61D7A3  
}
```

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 #61D7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D7A3
}
```

Border

The CSS property to change the border of an element to Hex 61D7A3 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
#61D7A3 }
```

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

```
.border{ border-color:#61D7A3 }
```

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

Here you see how a box with a 4 pixel #61D7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D7A3; -webkit-box-shadow:4px 4px  
4px 4px #61D7A3; box-shadow:4px 4px 4px  
4px #61D7A3 }
```

Background

The CSS property to change the background color of an element to Hex 61D7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D7A3 }
```

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

```
.background{ background-color:#61D7A3 }
```

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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