

Converting Colors

Hex(6BD6A3)

Have a look what the booklet for
Hex(6BD6A3) contains.

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Color

Hex(6BD6A3)

Conversions

Conversions Part 1

Format	Color
Hex	6BD6A3
RGB	107, 214, 163
RGB Percent	42%, 84%, 64%
CMY	0.5804, 0.1608, 0.3608
CMYK	0.50, 0.00, 0.24, 0.16
HSL	151°, 57%, 63%
HSV	151°, 50%, 84%
XYZ	36.7208, 53.8633, 43.1116
YIQ	176.1930, -47.4010, -38.5450

Conversions

Conversions Part 2

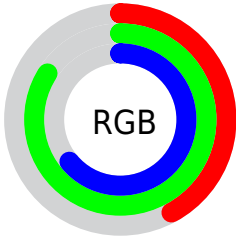
Format	Color
RYB	107, 177, 214
Decimal	7067299
CIELab	78.38, -42.66, 15.87
CIElCh	78, 45.512, 159.598
Yxy	53.8633, 0.2747, 0.4029
Android (android.graphics.Color)	4285257379 (0xFF6BD6A3)
YUV	176.1930, -6.5041, -60.6823
Hunter-Lab	73.3916, -39.1244, 16.5461

Details

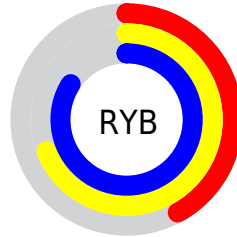
The Hex color **6BD6A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66B9E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A4FFDA**, and **2E9F6F** is the 20% darker color. If you saturate the color by 10%, you get **56D699**, and if you desaturate by 10%, it is **80D6AD**.

Distribution



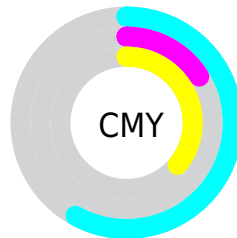
- Red (42%)
- Green (84%)
- Blue (64%)



- Red (42%)
- Yellow (69%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD6A3 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 6BD6A3 by changing the saturation by 10% instead.



6BD6A3



6BD6A3

FFFFFF



4EBA89



A4FFDA



2E9F6F



C1FFF7



008457



DFFFFF



006A3F



FCFFF



005129



003914



002400



000000



6BD6A3



6BD6A3

 56D699

 80D6AD

 40D68F

 96D6B7

 2BD684

 ABD6C2

 15D67A

 C1D6CC

 00D670

 D6D6D6

 EBD6E0

 FFD6EA

 FFD6F5

 FFD6FF

Harmonies

Analogous

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



A2CF7F



6BD6A3



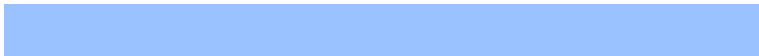
10D8CF

Triad

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



6BD6A3



99C2FF



FFA78E

Complementary

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



6BD6A3



D66B9E

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.



FFA0B6



6BD6A3



D8B2FF

Square

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



6BD6A3



43CEFF



FFA4E0



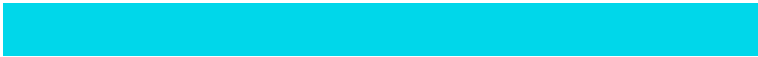
F5B573

Rectangle

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



6BD6A3



00D7EA



FFA4E0



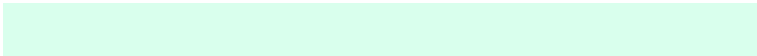
FFA49A

Sweetspot

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



6BD6A3



D9FFED



9FD66B



698075



000000



808080

Same Dimension

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



6BD6A3



66FFB6



6BD4D6



606B66



00AB59



002B17

Inverse Universe

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



D66B9E



FF66AF



D66D6B



6B6065



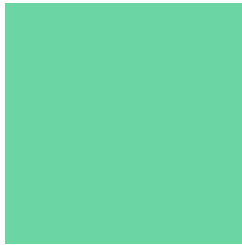
AB0051



2B0015

Previews

White Background



This preview shows how the Hex color 6BD6A3 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 6BD6A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

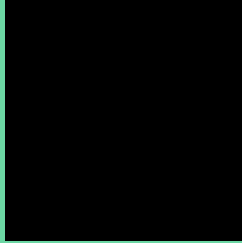
Any Text WCAG AA ✓ Pass

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 6BD6A3 Background



This preview shows how black text looks on a background with the Hex color 6BD6A3.

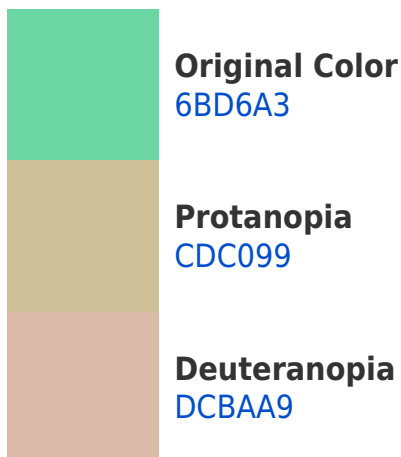


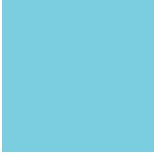
This preview shows how white text looks on a background with the Hex color 6BD6A3.

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
7BCEDF

Trichromacy



Original Color
6BD6A3



Protanomaly
A9C89D



Deuteranomaly
B3C4A7



Tritanomaly
75D1C9

Monochromacy



Original Color
6BD6A3



Achromatopsia
B0B0B0



Achromatomaly
97BEAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD6A3 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 #6BD6A3 looks like.

```
.text, #text, p{  
    color:#6BD6A3  
}
```

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 #6BD6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD6A3
}
```

Border

The CSS property to change the border of an element to Hex 6BD6A3 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
#6BD6A3 }
```

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

```
.border{ border-color:#6BD6A3 }
```

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

Here you see how a box with a 4 pixel #6BD6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD6A3; -webkit-box-shadow:4px 4px  
4px 4px #6BD6A3; box-shadow:4px 4px 4px  
4px #6BD6A3 }
```

Background

The CSS property to change the background color of an element to Hex 6BD6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD6A3 }
```

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

```
.background{ background-color:#6BD6A3 }
```

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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