

Converting Colors

Hex(6BDD91)

Have a look what the booklet for
Hex(6BDD91) contains.

| | |
|--|----|
| Hex(6BDD91) | 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(6BDD91)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BDD91 |
| RGB | 107, 221, 145 |
| RGB Percent | 42%, 87%, 57% |
| CMY | 0.5804, 0.1333, 0.4314 |
| CMYK | 0.52, 0.00, 0.34, 0.13 |
| HSL | 140°, 63%, 64% |
| HSV | 140°, 52%, 87% |
| XYZ | 37.0307, 56.8830, 35.8159 |
| YIQ | 178.2500, -43.5480, -47.8040 |

Conversions

Conversions Part 2

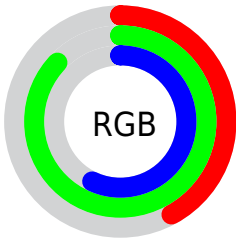
| Format | Color |
|-------------------------------------|--|
| RYB | 107, 193, 221 |
| Decimal | 7069073 |
| CIELab | 80.11, -49.10, 27.65 |
| CIELCh | 80, 56.352, 150.612 |
| Yxy | 56.8830, 0.2854, 0.4385 |
| Android (android.graphics.Color) | 4285259153 (0xFF6BDD91) |
| YUV | 178.2500, -16.3923, -62.4862 |
| Hunter-Lab | 75.4208, -44.3452, 24.6389 |

Details

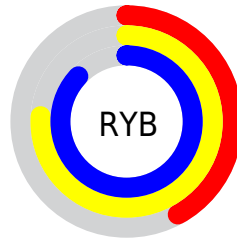
The Hex color **6BDD91** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD6BB7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A5FFC7**, and **2CA55E** is the 20% darker color. If you saturate the color by 10%, you get **55DD82**, and if you desaturate by 10%, it is **81DDA0**.

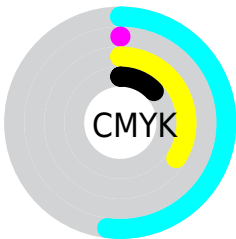
Distribution



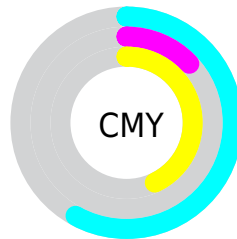
- Red (42%)
- Green (87%)
- Blue (57%)



- Red (42%)
- Yellow (76%)
- Blue (87%)



- Cyan (52%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BDD91 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 6BDD91 by changing the saturation by 10% instead.

 6BDD91

 6BDD91

FFFFFF

 4DC177

 A5FFC7

 2CA55E

 C2FFE4

 008A45

 E0FFFF

 00702E

FEFFFF

 005617

 003E00

 002800

 000100

 000000

 6BDD91

 6BDD91

 55DD82

 81DDA0

 3FDD74

 97DDAE

 29DD65

 ADDDBD

 13DD56

 C3DDCC

 00DD4A

 DADDDB

 F0DDE9

 FFDDF8

 FFDDFF

Harmonies

Analogous

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



AFD369



6BDD91



00E1C6

Triad

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



6BDD91



69CCFF



FFA094

Complementary

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



6BDD91



DD6BB7

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.



FF9AC8



6BDD91



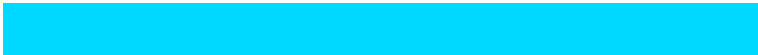
CBB8FF

Square

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



6BDD91



00D9FF



FFA5FB



FFB16C

Rectangle

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



6BDD91



00E1EA



FFA5FB



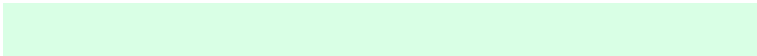
FF9CA4

Sweetspot

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



6BDD91



D9FFE5



B7DD6B



698070



000000



808080

Same Dimension

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



6BDD91



61FF96



6BDDC8



636E66



00AD3A



002E0F

Inverse Universe

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



DD6BB7



FF61CA



DD6B7E



6E636A



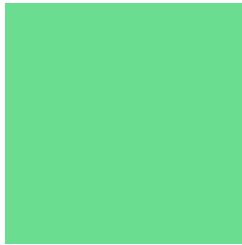
AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 6BDD91 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 6BDD91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

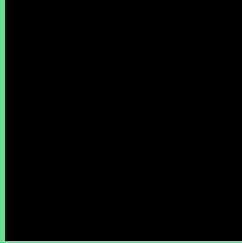
Any Text WCAG AA ✓ Pass

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 6BDD91 Background



This preview shows how black text looks on a background with the Hex color 6BDD91.

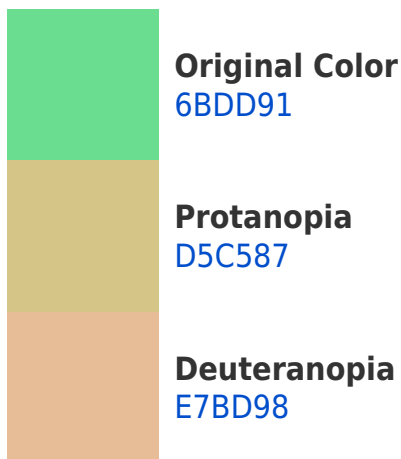


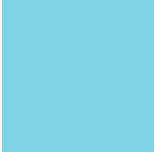
This preview shows how white text looks on a background with the Hex color 6BDD91.

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](#).

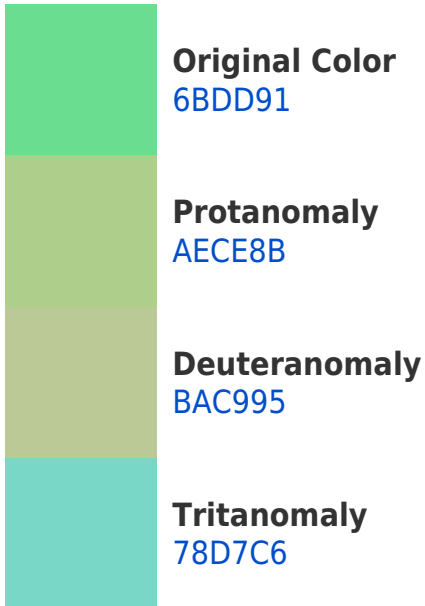
Dichromacy



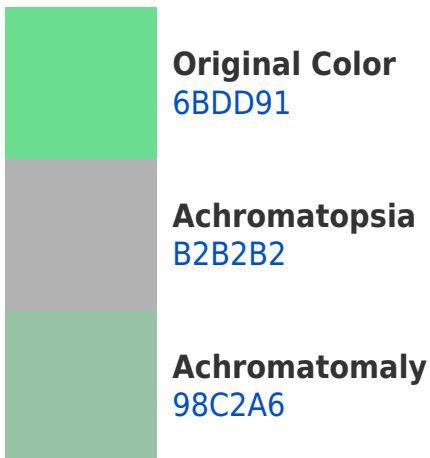


Tritanopia
80D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BDD91 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 #6BDD91 looks like.

```
.text, #text, p{  
    color:#6BDD91  
}
```

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 #6BDD91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BDD91  
}
```

Border

The CSS property to change the border of an element to Hex 6BDD91 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  
#6BDD91 }
```

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

```
.border{ border-color:#6BDD91 }
```

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

Here you see how a box with a 4 pixel #6BDD91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BDD91; -webkit-box-shadow:4px 4px  
4px 4px #6BDD91; box-shadow:4px 4px 4px  
4px #6BDD91 }
```

Background

The CSS property to change the background color of an element to Hex 6BDD91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BDD91 }
```

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

```
.background{ background-color:#6BDD91 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor