

Converting Colors

Hex(8BD891)

Have a look what the booklet for
Hex(8BD891) contains.

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Color

Hex(8BD891)

Conversions

Conversions Part 1

Format	Color
Hex	8BD891
RGB	139, 216, 145
RGB Percent	55%, 85%, 57%
CMY	0.4549, 0.1529, 0.4314
CMYK	0.36, 0.00, 0.33, 0.15
HSL	125°, 50%, 70%
HSV	125°, 36%, 85%
XYZ	40.3142, 56.6450, 35.5969
YIQ	184.8830, -23.1010, -38.4050

Conversions

Conversions Part 2

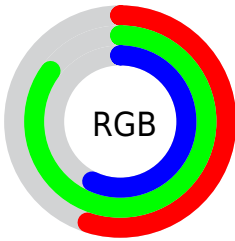
Format	Color
RYB	139, 210, 216
Decimal	9164945
CIELab	79.98, -38.03, 27.70
CIELCh	80, 47.052, 143.929
Yxy	56.6450, 0.3041, 0.4273
Android (android.graphics.Color)	4287355025 (0xFF8BD891)
YUV	184.8830, -19.6623, -40.2394
Hunter-Lab	75.2629, -36.0975, 24.6418

Details

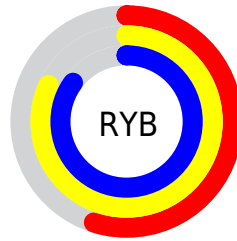
The Hex color **8BD891** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D88BD2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C3FFC7**, and **55A15E** is the 20% darker color. If you saturate the color by 10%, you get **75D87D**, and if you desaturate by 10%, it is **A1D8A5**.

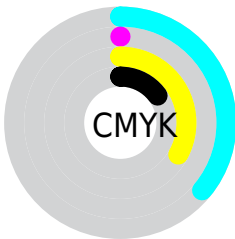
Distribution



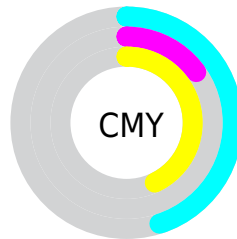
- Red (55%)
- Green (85%)
- Blue (57%)



- Red (55%)
- Yellow (82%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BD891 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 8BD891 by changing the saturation by 10% instead.

 8BD891

 8BD891

FFFFFF

 70BC77

 C3FFC7

 55A15E

 E0FFE4

 3A8646

FDFFFF

 1D6C2E

 005317

 003B00

 002700

 000000

 8BD891

 8BD891

 75D87D

 A1D8A5

 60D869

 B6D8B9

 4AD855

 CCD8CD

 35D841

 E1D8E1

 1FD82D

 F7D8F5

 09D819

 FFD8FF

 00D811

Harmonies

Analogous

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



BFCE74



8BD891



49DDBC

Triad

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



8BD891



70CDFE



FFA5A5

Complementary

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



8BD891



D88BD2

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.



FFA4D1



8BD891



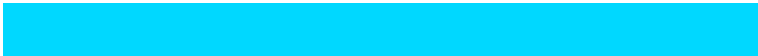
BDBEFF

Square

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



8BD891



00D8FF



F5AEFB



FFB181

Rectangle

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



8BD891



00DDDA



F5AEFB



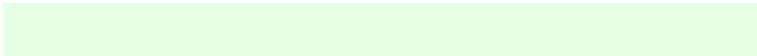
FFA4B3

Sweetspot

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



8BD891



E3FFE5



D3D88B



6F8070



000000



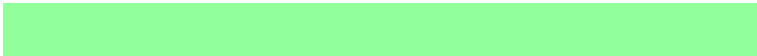
808080

Same Dimension

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



8BD891



91FF9A



8BD8B7



606B61



00AB0D



002B03

Inverse Universe

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



D88BD2



FF91F6



D88BAC



6B606A



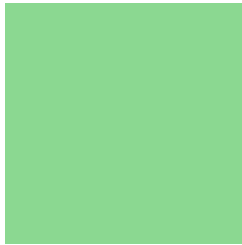
AB009E



2B0028

Previews

White Background



This preview shows how the Hex color 8BD891 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 8BD891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

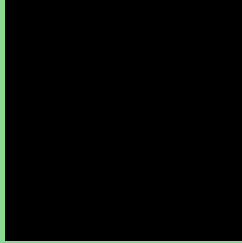
Any Text WCAG AA ✓ Pass

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 8BD891 Background



This preview shows how black text looks on a background with the Hex color 8BD891.

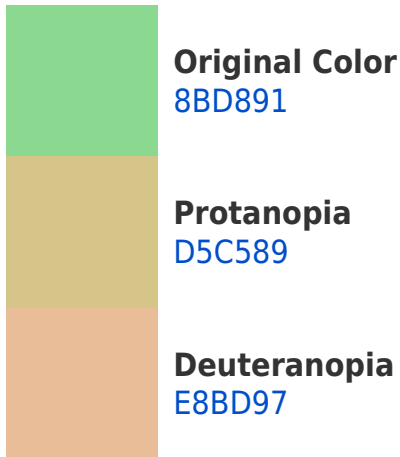


This preview shows how white text looks on a background with the Hex color 8BD891.

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
9ACEDF

Trichromacy



Original Color
8BD891



Protanomaly
BACC8C



Deuteranomaly
C6C795



Tritanomaly
95D2C3

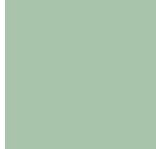
Monochromacy



Original Color
8BD891



Achromatopsia
B9B9B9



Achromatomaly
A8C4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BD891 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 #8BD891 looks like.

```
.text, #text, p{  
    color:#8BD891  
}
```

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 #8BD891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD891
}
```

Border

The CSS property to change the border of an element to Hex 8BD891 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
#8BD891 }
```

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

```
.border{ border-color:#8BD891 }
```

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

Here you see how a box with a 4 pixel #8BD891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD891; -webkit-box-shadow:4px 4px  
4px 4px #8BD891; box-shadow:4px 4px 4px  
4px #8BD891 }
```

Background

The CSS property to change the background color of an element to Hex 8BD891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD891 }
```

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

```
.background{ background-color:#8BD891 }
```

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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