

# Converting Colors

Hex(8BD582)

Have a look what the booklet for  
Hex(8BD582) contains.

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# **Color**

**Hex(8BD582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BD582
RGB	139, 213, 130
RGB Percent	55%, 84%, 51%
CMY	0.4549, 0.1647, 0.4902
CMYK	0.35, 0.00, 0.39, 0.16
HSL	113°, 50%, 67%
HSV	113°, 39%, 84%
XYZ	38.4710, 54.6892, 29.6475
YIQ	181.4120, -17.4610, -41.5010

# Conversions

## Conversions Part 2

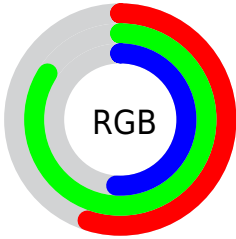
Format	Color
<a href="#">RYB</a>	<a href="#">130, 213, 204</a>
Decimal	<a href="#">9164162</a>
CIELab	<a href="#">78.86, -39.03, 33.92</a>
CIElCh	<a href="#">79, 51.713, 139.003</a>
Yxy	<a href="#">54.6892, 0.3133, 0.4453</a>
Android (android.graphics.Color)	<a href="#">4287354242</a> ( <a href="#">0xFF8BD582</a> )
YUV	<a href="#">181.4120, -25.3461, -37.1953</a>
Hunter-Lab	<a href="#">73.9521, -36.5579, 27.9970</a>

# Details

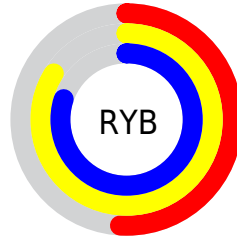
The Hex color **8BD582** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CC82D5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C3FFB8**, and **559E4F** is the 20% darker color. If you saturate the color by 10%, you get **78D56D**, and if you desaturate by 10%, it is **9ED597**.

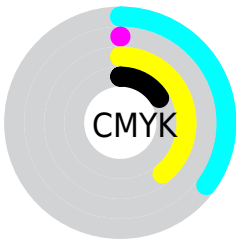
# Distribution



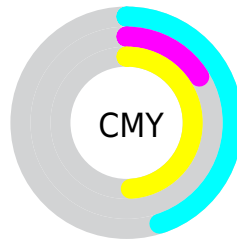
- Red (55%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (80%)



- Cyan (35%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)



- Cyan (45%)
- Magenta (16%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BD582 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 8BD582 by changing the saturation by 10% instead.



 8BD582

 8BD582

FFFFFF

 70B968

 C3FFB8

 559E4F

 E0FFD4

 3A8337

 FDDFF0

 1C6A1F

 005105

 003900

 002500

 000000

 8BD582

 8BD582

 78D56D

 9ED597

 65D557

 B1D5AD

 52D542

 C4D5C2

 3FD52D

 D7D5D7

 2CD517

 EAD5EC

 19D502

 FDD5FF

 17D500

 FFD5FF

# Harmonies

## Analogous

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



C2CA65



8BD582



3CDBAF

# Triad

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



8BD582



43CDFE



FF9DA6

# Complementary

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



8BD582



CC82D5

# 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.



FF9ED7



8BD582



ABBDFE

# Square

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



8BD582



00D8FF



EEABFF



FFA97C

# Rectangle

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



8BD582



00DCD1



EEABFF



FF9CB6

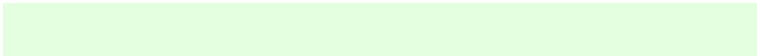


# Sweetspot

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



8BD582



E4FFE0



D5CB82



70806E



000000



808080



# Same Dimension

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



8BD582



94FF87



82D5A2



626B60



13AB00



052B00



# Inverse Universe

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



CC82D5



F287FF



D582B5



6A606B



9800AB



27002B



# Previews

## White Background



This preview shows how the Hex color 8BD582 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 8BD582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

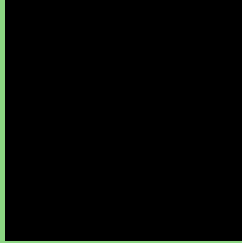
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BD582 Background



This preview shows how black text looks on a background with the Hex color 8BD582.

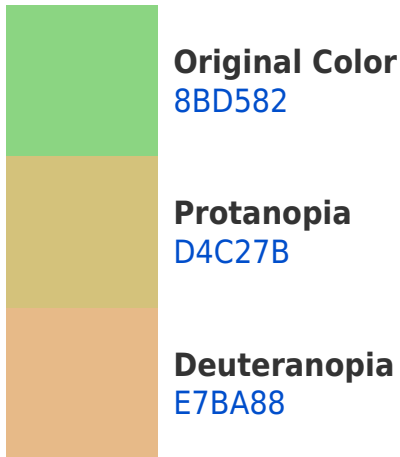


This preview shows how white text looks on a background with the Hex color 8BD582.

# 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**  
9BCADB

# Trichromacy



**Original Color**  
8BD582



**Protanomaly**  
B9C97E



**Deuteranomaly**  
C6C486



**Tritanomaly**  
95CEBB

# Monochromacy



**Original Color**  
8BD582



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
A6C1A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BD582 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 #8BD582 looks like.

```
.text, #text, p{  
    color:#8BD582  
}
```

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 #8BD582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD582
}
```

## Border

The CSS property to change the border of an element to Hex 8BD582 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
#8BD582 }
```

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

```
.border{ border-color:#8BD582 }
```

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

Here you see how a box with a 4 pixel #8BD582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD582; -webkit-box-shadow:4px 4px  
4px 4px #8BD582; box-shadow:4px 4px 4px  
4px #8BD582 }
```

# Background

The CSS property to change the background color of an element to Hex 8BD582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD582 }
```

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

```
.background{ background-color:#8BD582 }
```

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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