

# Converting Colors

Hex(8DDBBE)

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

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# Color

**Hex(8DDBBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDBBE
RGB	141, 219, 190
RGB Percent	55%, 86%, 75%
CMY	0.4471, 0.1412, 0.2549
CMYK	0.36, 0.00, 0.13, 0.14
HSL	158°, 52%, 71%
HSV	158°, 36%, 86%
XYZ	45.6103, 60.0435, 57.9008
YIQ	192.3720, -37.1790, -25.5550

# Conversions

## Conversions Part 2

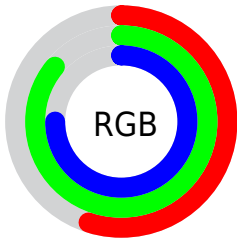
Format	Color
<a href="#">RYB</a>	<a href="#">141, 189, 219</a>
Decimal	<a href="#">9296830</a>
CIELab	<a href="#">81.86, -30.37, 6.69</a>
CIELCh	<a href="#">82, 31.095, 167.569</a>
Yxy	<a href="#">60.0435, 0.2789, 0.3671</a>
Android (android.graphics.Color)	<a href="#">4287486910 (0xFF8DDBBE)</a>
YUV	<a href="#">192.3720, -1.1694, -45.0532</a>
Hunter-Lab	<a href="#">77.4877, -30.5361, 9.9384</a>

# Details

The Hex color **8DDBBE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DB8DAA**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C5FFF6**, and **57A489** is the 20% darker color. If you saturate the color by 10%, you get **77DBB6**, and if you desaturate by 10%, it is **A3DBC6**.

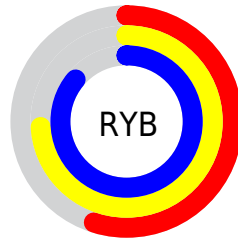
# Distribution



Red (55%)

Green (86%)

Blue (75%)



Red (55%)

Yellow (74%)

Blue (86%)

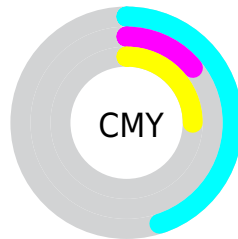


Cyan (36%)

Magenta (0%)

Yellow (13%)

Black (14%)



Cyan (45%)

Magenta (14%)

Yellow (25%)

# Brightness & Saturation Gradients

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



 8DDBBE

 8DDBBE

FFFFFF

 72BFA3

 C5FFF6

 57A489

 E2FFFF

 3C896F

 1F6F57

 005640

 003F2A

 002815

 000D00

 000000

 8DDBBE

 8DDBBE

 77DBB6

 A3DBC6

 61DBAE

 B9DBCE

 4BDBA6

 CFDBD6

 35DB9D

 E5DBDF

 20DB95

 FBDBE7

 0ADB8D

 FFDBEF

 00DB8A

 FFDBF7

 FFDBFF

# Harmonies

## Analogous

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



AED7A3



8DDBBE



76DCDC

# Triad

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



8DDBBE



BFC8FF



FFBCA2

# Complementary

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



8DDBBE



DB8DAA

# 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.



FFB7BB



8DDBBE



E5BEF3

# Square

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



8DDBBE



96D2FF



FEB7D9



ECC693

# Rectangle

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



8DDBBE



73DAEE



FEB7D9



FFBAA9

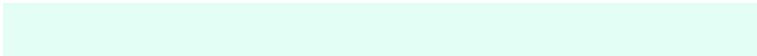


# Sweetspot

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



8DDBBE



E3FFF5



ABDB8D



6F8079



000000



808080



# Same Dimension

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



8DDBBE



91FFD6



8DD2DB



636E6A



00AD6D



002E1D



# Inverse Universe

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



DB8DAA



FF91BA



DB968D



6E6367



AD0040



2E0011



# Previews

## White Background



This preview shows how the Hex color 8DDDBE looks on a white background.

## Color Contrast Check

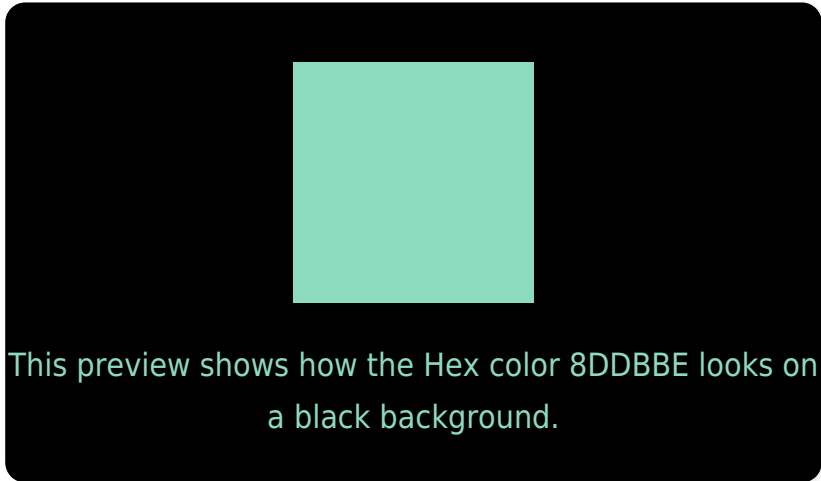
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 8DDBBE Background



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

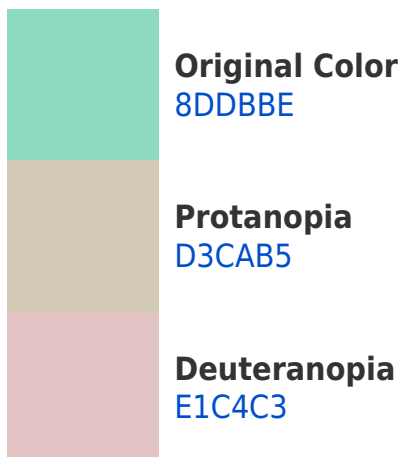


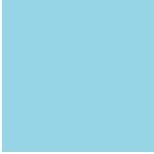
This preview shows how white text looks on a background with the Hex color 8DDBBE.

# 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



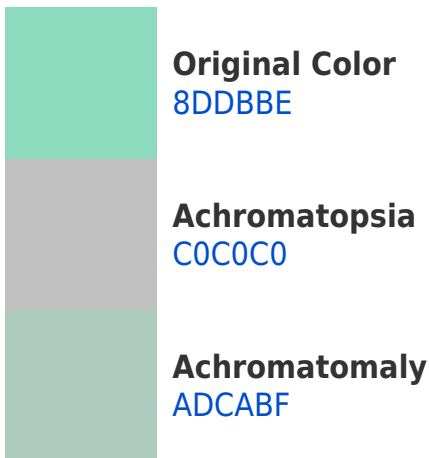


**Tritanopia**  
96D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8DDBBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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