

# Converting Colors

Hex(7DBE85)

Have a look what the booklet for  
Hex(7DBE85) contains.

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# **Color**

**Hex(7DBE85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DBE85
RGB	125, 190, 133
RGB Percent	49%, 75%, 52%
CMY	0.5098, 0.2549, 0.4784
CMYK	0.34, 0.00, 0.30, 0.25
HSL	127°, 33%, 62%
HSV	127°, 34%, 75%
XYZ	31.1045, 42.8803, 28.8277
YIQ	164.0670, -20.4430, -31.5070

# Conversions

## Conversions Part 2

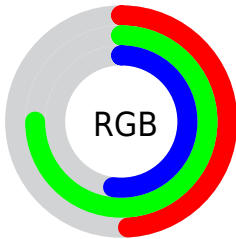
Format	Color
<a href="#">RYB</a>	<a href="#">125, 183, 190</a>
Decimal	<a href="#">8240773</a>
CIELab	<a href="#">71.47, -32.48, 22.39</a>
CIELCh	<a href="#">71, 39.452, 145.418</a>
Yxy	<a href="#">42.8803, 0.3025, 0.4171</a>
Android (android.graphics.Color)	<a href="#">4286430853 (0xFF7DBE85)</a>
YUV	<a href="#">164.0670, -15.3160, -34.2618</a>
Hunter-Lab	<a href="#">65.4831, -29.8077, 19.7369</a>

# Details

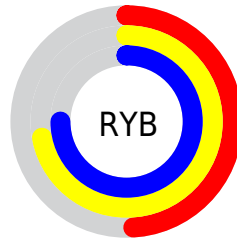
The Hex color **7DBE85** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BE7DB6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B4F7BA**, and **498853** is the 20% darker color. If you saturate the color by 10%, you get **6ABE74**, and if you desaturate by 10%, it is **90BE96**.

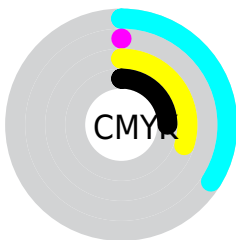
# Distribution



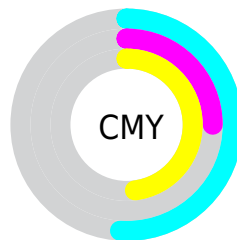
- Red (49%)
- Green (75%)
- Blue (52%)



- Red (49%)
- Yellow (72%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DBE85 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 7DBE85 by changing the saturation by 10% instead.



 7DBE85

 7DBE85

FFFFFF

 63A36C

 B4F7BA

 498853

 D0FFD6

 2F6E3B

 ECFFF3

 125625

 003E0F

 002800

 000A00

 000000

 7DBE85

 7DBE85

 6ABE74

 90BE96

 57BE64

 A3BEA6

 44BE53

 B6BEB7

 31BE42

 C9BEC8

 1EBE32

 DCBED8

 0BBE21

 EFBEE9

 00BE17

 FFBEFA

 FFBEFF

# Harmonies

## Analogous

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



A7B66D



7DBE85



4CC2A8

# Triad

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



7DBE85



70B4F6



F59592

# Complementary

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



7DBE85



BE7DB6

# 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.



F093B6



7DBE85



ABA8F0

# Square

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



7DBE85



29BDE9



D79BD8



E79E75

# Rectangle

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



7DBE85



22C2C1



D79BD8



F5939E

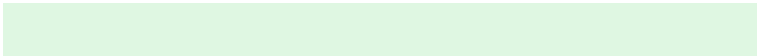


# Sweetspot

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



7DBE85



DFF7E2



B6BE7D



6E7D70



FCFCFC



7D7D7D

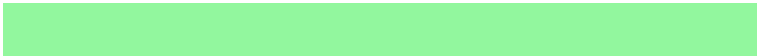


# Same Dimension

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



7DBE85



92F79E



7DBEA5



555E56



009E13



001F04



# Inverse Universe

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



BE7DB6



F792EB



BE7D96



5E555D



9E008B



1F001B



# Previews

## White Background



This preview shows how the Hex color 7DBE85 looks on a white background.

## Color Contrast Check

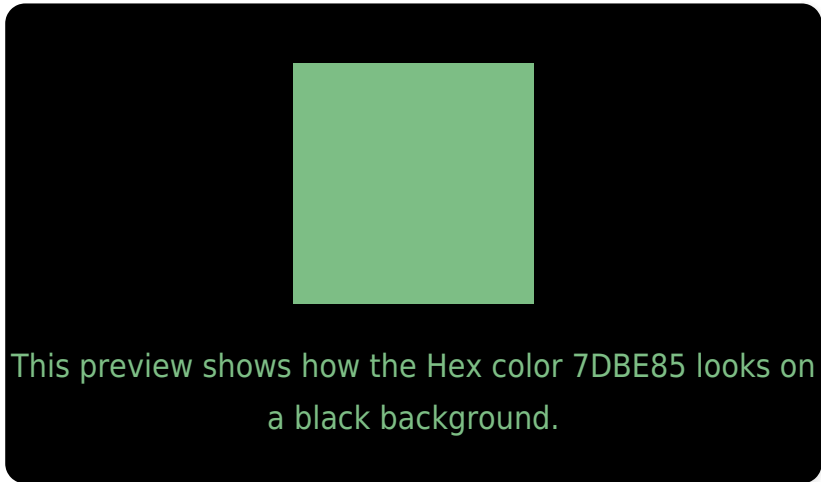
Large Text (above 18pt) WCAG AA × Fail

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

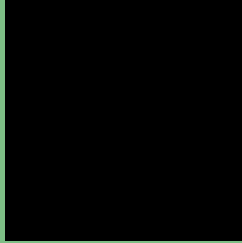
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DBE85 Background



This preview shows how black text looks on a background with the Hex color 7DBE85.

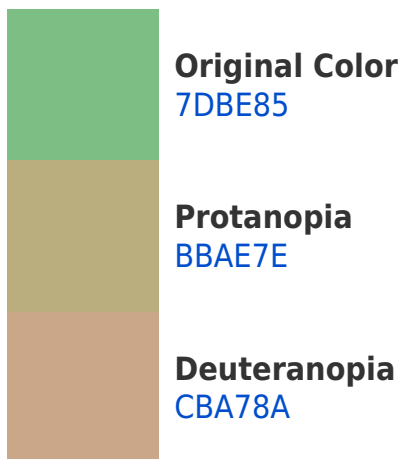


This preview shows how white text looks on a background with the Hex color 7DBE85.

# 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](#).

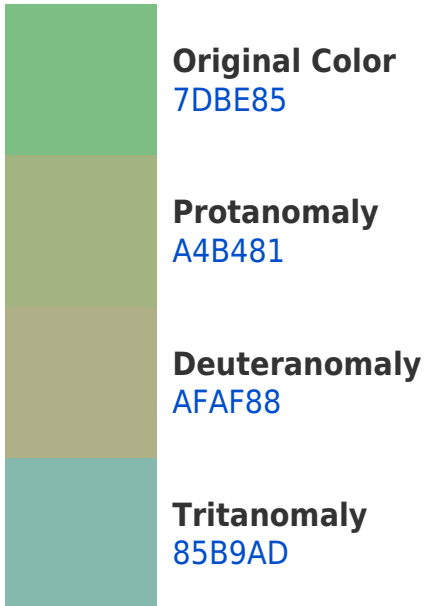
## Dichromacy



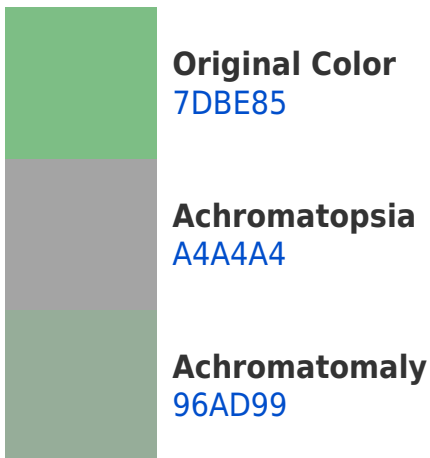


**Tritanopia**  
89B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DBE85 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 #7DBE85 looks like.

```
.text, #text, p{  
    color:#7DBE85  
}
```

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 #7DBE85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBE85
}
```

## Border

The CSS property to change the border of an element to Hex 7DBE85 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
#7DBE85 }
```

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

```
.border{ border-color:#7DBE85 }
```

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

Here you see how a box with a 4 pixel #7DBE85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBE85; -webkit-box-shadow:4px 4px  
4px 4px #7DBE85; box-shadow:4px 4px 4px  
4px #7DBE85 }
```

# Background

The CSS property to change the background color of an element to Hex 7DBE85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBE85 }
```

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

```
.background{ background-color:#7DBE85 }
```

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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