

# Converting Colors

Hex(7DBD75)

Have a look what the booklet for  
Hex(7DBD75) contains.

<b>Hex(7DBD75)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7DBD75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DBD75
RGB	125, 189, 117
RGB Percent	49%, 74%, 46%
CMY	0.5098, 0.2588, 0.5412
CMYK	0.34, 0.00, 0.38, 0.26
HSL	113°, 35%, 60%
HSV	113°, 38%, 74%
XYZ	29.8659, 42.0395, 23.3700
YIQ	161.6560, -15.0320, -35.9600

# Conversions

## Conversions Part 2

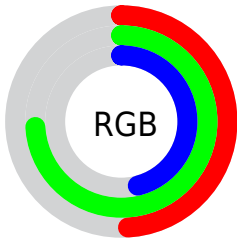
Format	Color
<a href="#">RYB</a>	<a href="#">117, 189, 181</a>
Decimal	<a href="#">8240501</a>
CIELab	<a href="#">70.90, -34.64, 30.08</a>
CIELCh	<a href="#">71, 45.873, 139.029</a>
Yxy	<a href="#">42.0395, 0.3135, 0.4412</a>
Android (android.graphics.Color)	<a href="#">4286430581</a> ( <a href="#">0xFF7DBD75</a> )
YUV	<a href="#">161.6560, -22.0154, -32.1473</a>
Hunter-Lab	<a href="#">64.8379, -31.2448, 24.0162</a>

# Details

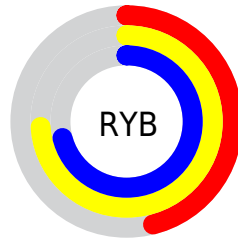
The Hex color **7DBD75** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B575BD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B4F6AA**, and **488743** is the 20% darker color. If you saturate the color by 10%, you get **6CBD62**, and if you desaturate by 10%, it is **8EBD88**.

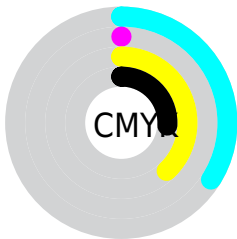
# Distribution



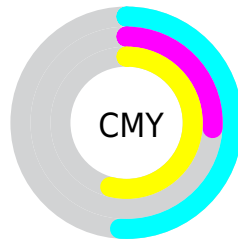
- Red (49%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (51%)
- Magenta (26%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DBD75 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 7DBD75 by changing the saturation by 10% instead.



 7DBD75

 7DBD75

FFFFFF

 63A25C

 B4F6AA

 488743

 D0FFC5

 2E6D2C

 EDFFE1

 105515

FFFFFFE

 003D00

 002700

 000600

 000000

 7DBD75

 7DBD75

 6CBD62

 8EBD88

 5BBD4F

 9FBD9B

 4BBD3C

 AFBDAE

 3ABD29

 C0BDC1

 29BD16

 D1BDD4

 18BD04

 E2BDE6

 15BD00

 F3BDF9

 FFBDFE

# Harmonies

## Analogous

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



ADB35C



7DBD75



3CC29C

# Triad

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



7DBD75



44B6FF



FD8D94

# Complementary

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



7DBD75



B575BD

# 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.



F48DBF



7DBD75



99A8FC

# Square

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



7DBD75



00BFEB



D299E5



F19770

# Rectangle

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



7DBD75



00C3B9



D299E5



FD8BA2

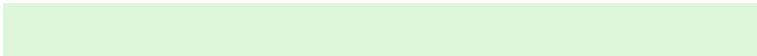


# Sweetspot

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



7DBD75



DDF5DA



BDB575



6C7A6A



FAFAFA



7A7A7A



# Same Dimension

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



7DBD75



91F584



75BD91



565E55



129E00



031F00



# Inverse Universe

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



B575BD



E884F5



BD75A1



5D555E



8D009E



1B001F



# Previews

## White Background



This preview shows how the Hex color 7DBD75 looks on a white background.

## Color Contrast Check

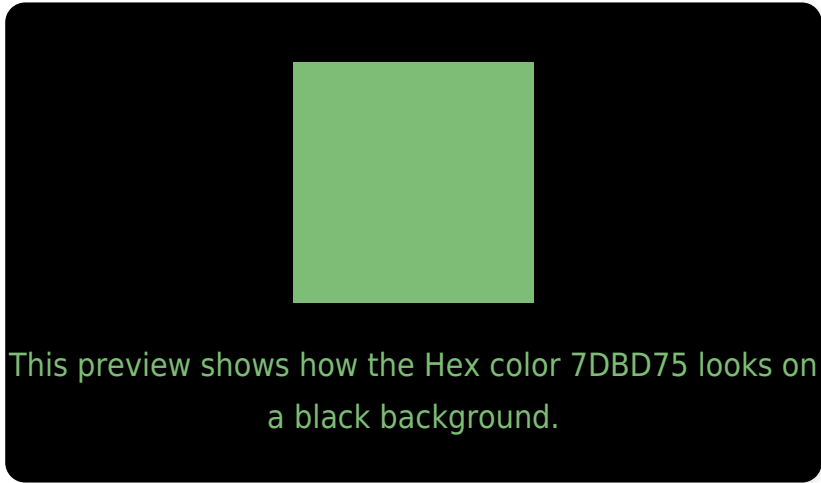
Large Text (above 18pt) WCAG AA × Fail

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 7DBD75 Background



This preview shows how black text looks on a background with the Hex color 7DBD75.

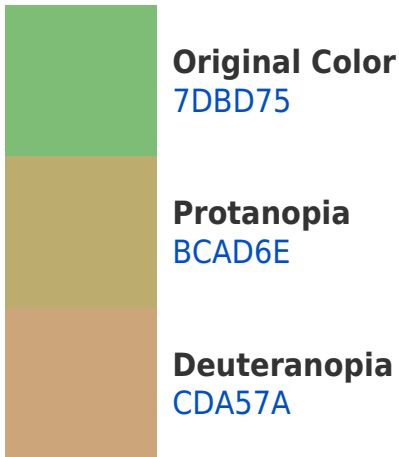


This preview shows how white text looks on a background with the Hex color 7DBD75.

# 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](#).

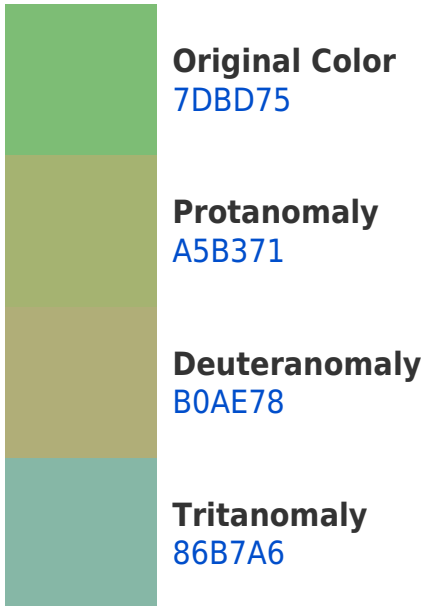
## Dichromacy



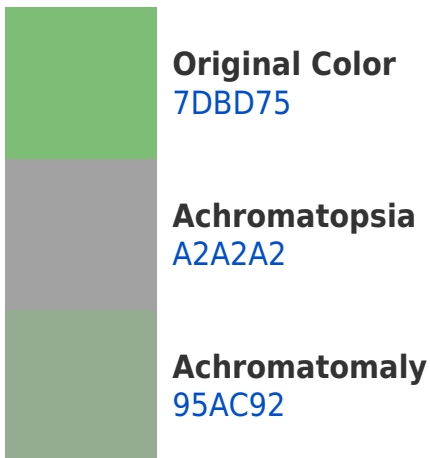


**Tritanopia**  
8BB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DBD75 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 #7DBD75 looks like.

```
.text, #text, p{  
    color:#7DBD75  
}
```

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 #7DBD75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBD75
}
```

## Border

The CSS property to change the border of an element to Hex 7DBD75 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
#7DBD75 }
```

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

```
.border{ border-color:#7DBD75 }
```

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

Here you see how a box with a 4 pixel #7DBD75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBD75; -webkit-box-shadow:4px 4px  
4px 4px #7DBD75; box-shadow:4px 4px 4px  
4px #7DBD75 }
```

# Background

The CSS property to change the background color of an element to Hex 7DBD75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBD75 }
```

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

```
.background{ background-color:#7DBD75 }
```

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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