

# Converting Colors

Hex(7BD794)

Have a look what the booklet for  
Hex(7BD794) contains.

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**Color**

**Hex(7BD794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BD794
RGB	123, 215, 148
RGB Percent	48%, 84%, 58%
CMY	0.5176, 0.1569, 0.4196
CMYK	0.43, 0.00, 0.31, 0.16
HSL	136°, 53%, 66%
HSV	136°, 43%, 84%
XYZ	37.8141, 54.9499, 36.6304
YIQ	179.8540, -33.3250, -40.3410

# Conversions

## Conversions Part 2

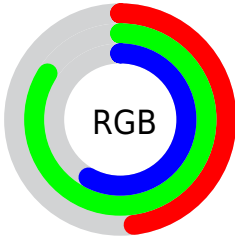
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 195, 215</a>
Decimal	<a href="#">8116116</a>
CIELab	<a href="#">79.01, -41.80, 24.72</a>
CIElCh	<a href="#">79, 48.556, 149.402</a>
Yxy	<a href="#">54.9499, 0.2922, 0.4247</a>
Android (android.graphics.Color)	<a href="#">4286306196 (0xFF7BD794)</a>
YUV	<a href="#">179.8540, -15.7040, -49.8610</a>
Hunter-Lab	<a href="#">74.1282, -38.6684, 22.5917</a>

# Details

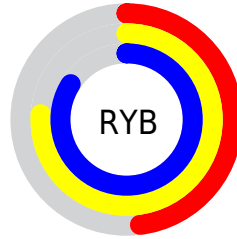
The Hex color **7BD794** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D77BBE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B3FFCA**, and **43A061** is the 20% darker color. If you saturate the color by 10%, you get **66D784**, and if you desaturate by 10%, it is **91D7A4**.

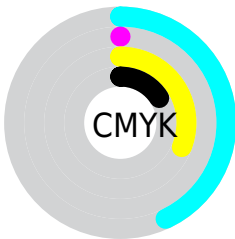
# Distribution



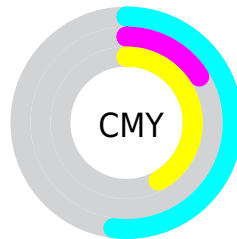
- Red (48%)
- Green (84%)
- Blue (58%)



- Red (48%)
- Yellow (76%)
- Blue (84%)



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (52%)
- Magenta (16%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BD794 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 7BD794 by changing the saturation by 10% instead.



 7BD794

 7BD794

FFFFFF

 5FBB7A

 B3FFCA

 43A061

 D0FFE7

 258549

 EDFFFF

 006B31

 00521B

 003A03

 002500

 000000

 7BD794

 7BD794

 66D784

 91D7A4

 50D775

 A6D7B3

 3BD765

 BCD7C3

 25D755

 D1D7D3

 10D746

 E7D7E2

 00D73A

 FCD7F2

 FFD7FF

# Harmonies

## Analogous

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



B2CE73



7BD794



25DBC1

# Triad

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



7BD794



79C8FF



FFA39A

# Complementary

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



7BD794



D77BBE

# 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.



FF9FC6



7BD794



C6B8FF

# Square

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



7BD794



00D4FF



FBA8F2



FFB177

# Rectangle

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



7BD794



00DBE0



FBA8F2



FFA0A8

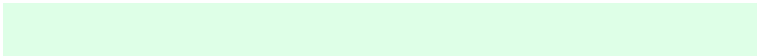


# Sweetspot

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



7BD794



DEFFE7



BED77B



6B8071



000000



808080



# Same Dimension

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



7BD794



7DFFA0



7BD7C2



606B63



00AB2E



002B0C



# Inverse Universe

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



D77BBE



FF7DDC



D77B90



6B6068



AB007C

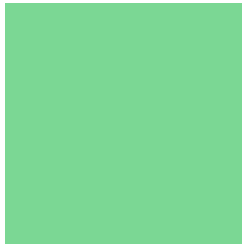


2B0020



# Previews

## White Background



This preview shows how the Hex color 7BD794 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 7BD794 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

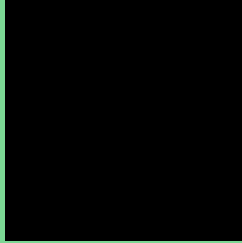
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BD794 Background



This preview shows how black text looks on a background with the Hex color 7BD794.

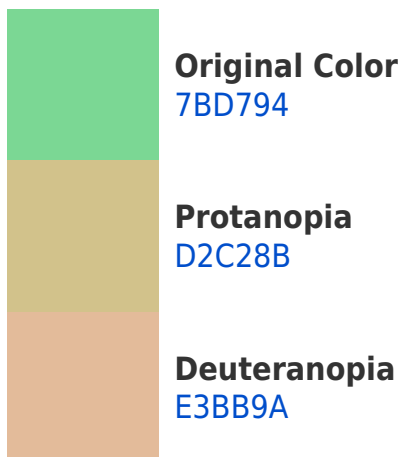


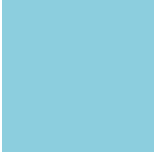
This preview shows how white text looks on a background with the Hex color 7BD794.

# 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





# Trichromacy



**Original Color**

7BD794



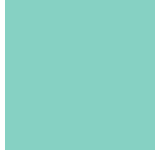
**Protanomaly**

B2CA8E



**Deuteranomaly**

BDC598



**Tritanomaly**

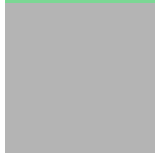
86D1C3

# Monochromacy



**Original Color**

7BD794



**Achromatopsia**

B4B4B4



**Achromatomaly**

9FC1A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BD794 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 #7BD794 looks like.

```
.text, #text, p{  
    color:#7BD794  
}
```

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 #7BD794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD794
}
```

## Border

The CSS property to change the border of an element to Hex 7BD794 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
#7BD794 }
```

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

```
.border{ border-color:#7BD794 }
```

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

Here you see how a box with a 4 pixel #7BD794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD794; -webkit-box-shadow:4px 4px  
4px 4px #7BD794; box-shadow:4px 4px 4px  
4px #7BD794 }
```

# Background

The CSS property to change the background color of an element to Hex 7BD794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD794 }
```

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

```
.background{ background-color:#7BD794 }
```

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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