

# Converting Colors

Hex(77D7A4)

Have a look what the booklet for  
Hex(77D7A4) contains.

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**Color**

**Hex(77D7A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D7A4
RGB	119, 215, 164
RGB Percent	47%, 84%, 64%
CMY	0.5333, 0.1569, 0.3569
CMYK	0.45, 0.00, 0.24, 0.16
HSL	148°, 55%, 65%
HSV	148°, 45%, 84%
XYZ	38.6090, 55.2032, 43.7423
YIQ	180.4820, -40.8450, -36.2130

# Conversions

## Conversions Part 2

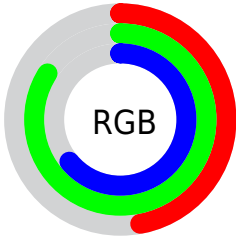
Format	Color
<a href="#">RYB</a>	<a href="#">119, 184, 215</a>
Decimal	<a href="#">7853988</a>
CIELab	<a href="#">79.16, -39.86, 16.49</a>
CIELCh	<a href="#">79, 43.141, 157.526</a>
Yxy	<a href="#">55.2032, 0.2807, 0.4013</a>
Android (android.graphics.Color)	<a href="#">4286044068 (0xFF77D7A4)</a>
YUV	<a href="#">180.4820, -8.1256, -53.9197</a>
Hunter-Lab	<a href="#">74.2988, -37.2663, 17.1031</a>

# Details

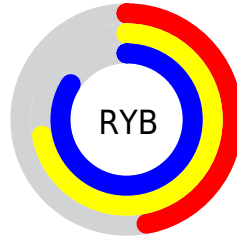
The Hex color **77D7A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D777AA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AFFFDB**, and **3EA070** is the 20% darker color. If you saturate the color by 10%, you get **62D799**, and if you desaturate by 10%, it is **8DD7AF**.

# Distribution



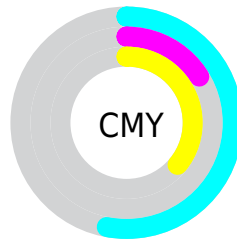
- Red (47%)
- Green (84%)
- Blue (64%)



- Red (47%)
- Yellow (72%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77D7A4 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 77D7A4 by changing the saturation by 10% instead.



 77D7A4

 77D7A4

FFFFFF

 5BBB8A

 AFFFDB

 3EA070

 CCFFF8

 1E8558

 E9FFFF

 006B40

 00522A

 003A15

 002600

 000000

 77D7A4

 77D7A4

 62D799

 8DD7AF

 4CD78D

 A2D7BB

 37D782

 B8D7C6

 21D776

 CDD7D2

 0CD76B

 E3D7DD

 00D765

 F8D7E9

 FFD7F4

 FFD7FF

# Harmonies

## Analogous

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



A9D083



77D7A4



3ADACD

# Triad

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



77D7A4



9AC5FF



FFAA95

# Complementary

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



77D7A4



D777AA

# 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.



FFA4BB



77D7A4



D6B6FF

# Square

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



77D7A4



50D0FF



FFA9E4



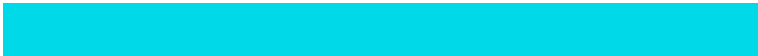
F8B77A

# Rectangle

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



77D7A4



00D9E8



FFA9E4



FFA7A1

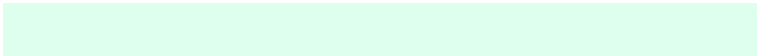


# Sweetspot

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



77D7A4



DEFFED



AAD777



6B8075



000000



808080



# Same Dimension

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



77D7A4



75FFB6



77D7D4



606B65



00AB50



002B14



# Inverse Universe

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



D777AA



FF75BE



D7777A



6B6066



AB005B

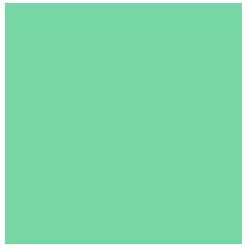


2B0017



# Previews

## White Background



This preview shows how the Hex color 77D7A4 looks on a white background.

## Color Contrast Check

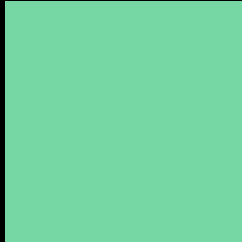
Large Text (above 18pt) WCAG AA × Fail

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 77D7A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

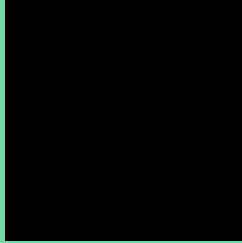
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77D7A4 Background



This preview shows how black text looks on a background with the Hex color 77D7A4.

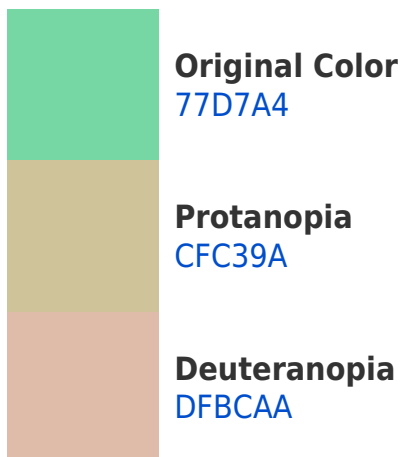


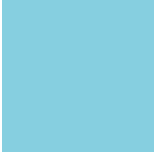
This preview shows how white text looks on a background with the Hex color 77D7A4.

# 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**  
86CFE0

# Trichromacy



**Original Color**

77D7A4



**Protanomaly**

AFCA9E



**Deuteranomaly**

B9C6A8



**Tritanomaly**

81D2CA

# Monochromacy



**Original Color**

77D7A4



**Achromatopsia**

B4B4B4



**Achromatomaly**

9EC1AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77D7A4 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 #77D7A4 looks like.

```
.text, #text, p{  
    color:#77D7A4  
}
```

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 #77D7A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D7A4
}
```

## Border

The CSS property to change the border of an element to Hex 77D7A4 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
#77D7A4 }
```

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

```
.border{ border-color:#77D7A4 }
```

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

Here you see how a box with a 4 pixel #77D7A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D7A4; -webkit-box-shadow:4px 4px  
4px 4px #77D7A4; box-shadow:4px 4px 4px  
4px #77D7A4 }
```

# Background

The CSS property to change the background color of an element to Hex 77D7A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D7A4 }
```

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

```
.background{ background-color:#77D7A4 }
```

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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