

# Converting Colors

Hex(77D796)

Have a look what the booklet for  
Hex(77D796) contains.

<b>Hex(77D796)</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(77D796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D796
RGB	119, 215, 150
RGB Percent	47%, 84%, 59%
CMY	0.5333, 0.1569, 0.4118
CMYK	0.45, 0.00, 0.30, 0.16
HSL	139°, 55%, 65%
HSV	139°, 45%, 84%
XYZ	37.4132, 54.7248, 37.4452
YIQ	178.8860, -36.3510, -40.5670

# Conversions

## Conversions Part 2

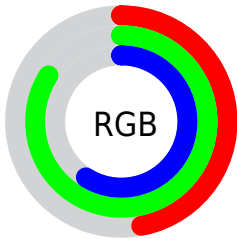
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 192, 215
Decimal	7853974
CIELab	78.88, -42.54, 23.47
CIElCh	79, 48.584, 151.116
Yxy	54.7248, 0.2887, 0.4223
Android (android.graphics.Color)	4286044054 (0xFF77D796)
YUV	178.8860, -14.2408, -52.5200
Hunter-Lab	73.9762, -39.1827, 21.7720

# Details

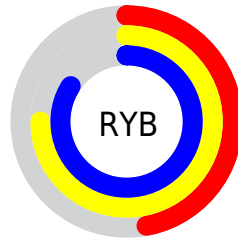
The Hex color **77D796** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D777B8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **AFFFC**, and **3EA063** is the 20% darker color. If you saturate the color by 10%, you get **62D787**, and if you desaturate by 10%, it is **8DD7A5**.

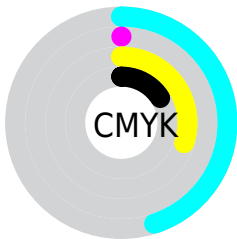
# Distribution



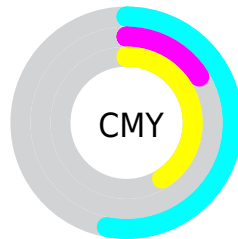
- Red (47%)
- Green (84%)
- Blue (59%)



- Red (47%)
- Yellow (75%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77D796 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 77D796 by changing the saturation by 10% instead.



 77D796

 77D796

FFFFFF

 5BBB7C

 AFFFCC

 3EA063

 CCFFE9

 1E854A

 E9FFFF

 006B33

 00521D

 003A06

 002500

 000000

 77D796

 77D796

 62D787

 8DD7A5

 4CD779

 A2D7B3

 37D76A

 B8D7C2

 21D75C

 CDD7D0

 0CD74D

 E3D7DF

 00D745

 F8D7ED

 FFD7FC

 FFD7FF

# Harmonies

## Analogous

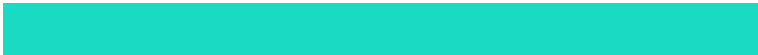
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFCE74



77D796



19DBC4

# Triad

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



77D796



7EC7FF



FFA397

# Complementary

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



77D796



D777B8

# 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.



FF9FC3



77D796



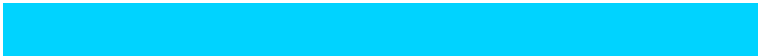
CAB7FF

# Square

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



77D796



00D3FF



FDA7F0



FFB175

# Rectangle

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



77D796



00DBE2



FDA7F0



FFA0A5

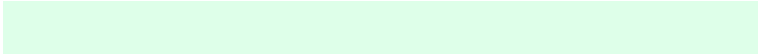


# Sweetspot

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



77D796



DEFFE9



B9D777



6B8072



000000



808080



# Same Dimension

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



77D796



75FFA2



77D7C5



606B64



00AB37



002B0E



# Inverse Universe

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



D777B8



FF75D3



D77789



6B6068



AB0074



2B001D



# Previews

## White Background



This preview shows how the Hex color 77D796 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 77D796 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

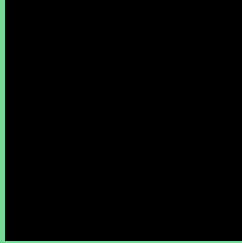
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77D796 Background



This preview shows how black text looks on a background with the Hex color 77D796.

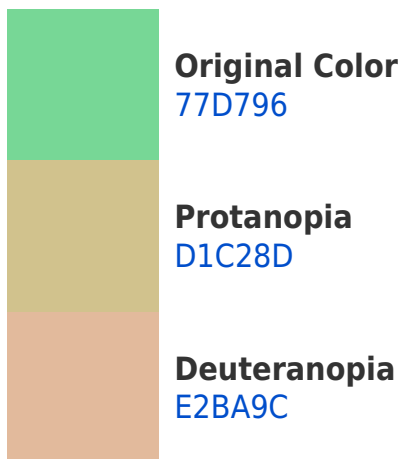


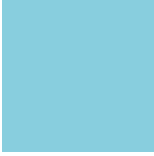
This preview shows how white text looks on a background with the Hex color 77D796.

# 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**  
88CEDE

# Trichromacy



**Original Color**  
77D796



**Protanomaly**  
B0CA90



**Deuteranomaly**  
BBC59A



**Tritanomaly**  
82D1C4

# Monochromacy



**Original Color**  
77D796



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
9DC0A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77D796 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 #77D796 looks like.

```
.text, #text, p{  
    color:#77D796  
}
```

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 #77D796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D796
}
```

## Border

The CSS property to change the border of an element to Hex 77D796 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
#77D796 }
```

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

```
.border{ border-color:#77D796 }
```

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

Here you see how a box with a 4 pixel #77D796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D796; -webkit-box-shadow:4px 4px  
4px 4px #77D796; box-shadow:4px 4px 4px  
4px #77D796 }
```

# Background

The CSS property to change the background color of an element to Hex 77D796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D796 }
```

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

```
.background{ background-color:#77D796 }
```

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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