

# Converting Colors

Hex(77DDC2)

Have a look what the booklet for  
Hex(77DDC2) contains.

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**Color**

**Hex(77DDC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77DDC2
RGB	119, 221, 194
RGB Percent	47%, 87%, 76%
CMY	0.5333, 0.1333, 0.2392
CMYK	0.46, 0.00, 0.12, 0.13
HSL	164°, 60%, 67%
HSV	164°, 46%, 87%
XYZ	43.2018, 59.5299, 60.2524
YIQ	187.4240, -52.1250, -30.0210

# Conversions

## Conversions Part 2

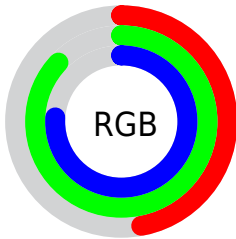
Format	Color
<a href="#">RYB</a>	<a href="#">119, 178, 221</a>
Decimal	<a href="#">7855554</a>
CIELab	<a href="#">81.58, -36.18, 4.05</a>
CIELCh	<a href="#">82, 36.401, 173.617</a>
Yxy	<a href="#">59.5299, 0.2651, 0.3652</a>
Android (android.graphics.Color)	<a href="#">4286045634 (0xFF77DDC2)</a>
YUV	<a href="#">187.4240, 3.2420, -60.0078</a>
Hunter-Lab	<a href="#">77.1556, -35.0747, 7.7082</a>

# Details

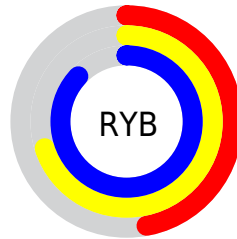
The Hex color **77DDC2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD7792**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B0FFFA**, and **3CA58C** is the 20% darker color. If you saturate the color by 10%, you get **61DDBC**, and if you desaturate by 10%, it is **8DDDC8**.

# Distribution



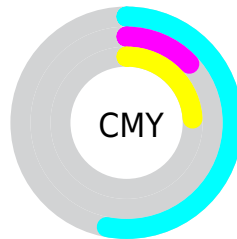
- Red (47%)
- Green (87%)
- Blue (76%)



- Red (47%)
- Yellow (70%)
- Blue (87%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77DDC2 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 77DDC2 by changing the saturation by 10% instead.



 77DDC2

 77DDC2

FFFFFF

 5AC1A7

 B0FFFA

 3CA58C

 CDFFFF

 178B73

 EBFFFF

 00715A

 005843

 003F2D

 002918

 000B00

 000000

 77DDC2

 77DDC2

 61DDBC

 8DDDC8

 4BDDB6

 A3DDCE

 35DDB0

 B9DDD4

 1FDDAB

 CFDDD9

 08DDA5

 E6DDDF

 00DDA3

 FCDDE5

 FFDDEB

 FFDDF1

 FFDDF7

# Harmonies

## Analogous

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



9FD9A1



77DDC2



5ADDE5

# Triad

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



77DDC2



C5C5FF



FFBB95

# Complementary

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



77DDC2



DD7792

# 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.



FFB2B1



77DDC2



EFB9F4

# Square

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



77DDC2



92D0FF



FFB2D3



E9C687

# Rectangle

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



77DDC2



5BDBF9



FFB2D3



FFB79D

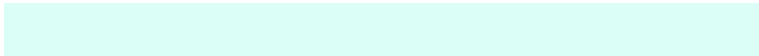


# Sweetspot

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



77DDC2



DBFFF6



92DD77



6A807A



000000



808080



# Same Dimension

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



77DDC2



73FFDA



77C5DD



636E6B



00AD80



002E22



# Inverse Universe

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



DD7792



FF7398



DD8F77



6E6366



AD002E

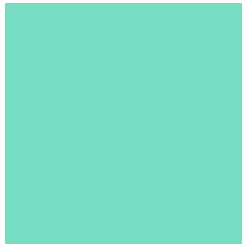


2E000C



# Previews

## White Background



This preview shows how the Hex color 77DDC2 looks on a white background.

## Color Contrast Check

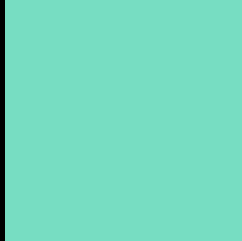
Large Text (above 18pt) WCAG AA × Fail

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 77DDC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

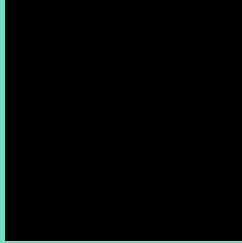
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

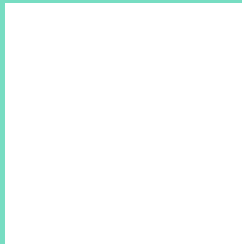
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77DDC2 Background



This preview shows how black text looks on a background with the Hex color 77DDC2.

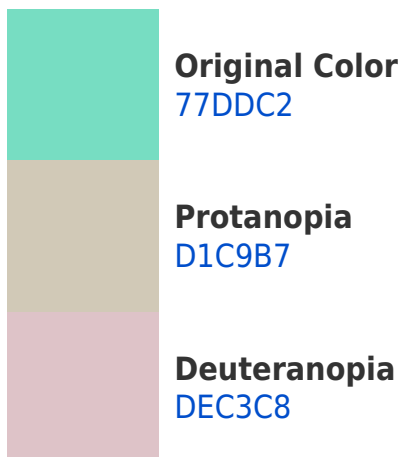


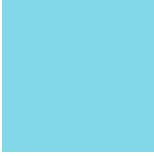
This preview shows how white text looks on a background with the Hex color 77DDC2.

# 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**  
82D7E9

# Trichromacy



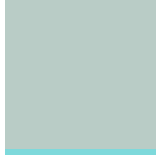
**Original Color**

77DDC2



**Protanomaly**

B0D0BB



**Deuteranomaly**

B9CCC6



**Tritanomaly**

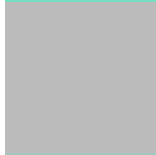
7ED9DB

# Monochromacy



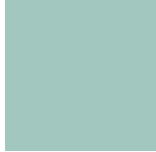
**Original Color**

77DDC2



**Achromatopsia**

BBBBBB



**Achromatomaly**

A2C7BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77DDC2 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 #77DDC2 looks like.

```
.text, #text, p{  
    color:#77DDC2  
}
```

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 #77DDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77DDC2
}
```

## Border

The CSS property to change the border of an element to Hex 77DDC2 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
#77DDC2 }
```

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

```
.border{ border-color:#77DDC2 }
```

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

Here you see how a box with a 4 pixel #77DDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77DDC2; -webkit-box-shadow:4px 4px  
4px 4px #77DDC2; box-shadow:4px 4px 4px  
4px #77DDC2 }
```

# Background

The CSS property to change the background color of an element to Hex 77DDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77DDC2 }
```

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

```
.background{ background-color:#77DDC2 }
```

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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