

# Converting Colors

Hex(77D2E9)

Have a look what the booklet for  
Hex(77D2E9) contains.

<b>Hex(77D2E9)</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(77D2E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D2E9
RGB	119, 210, 233
RGB Percent	47%, 82%, 91%
CMY	0.5333, 0.1765, 0.0863
CMYK	0.49, 0.10, 0.00, 0.09
HSL	192°, 72%, 69%
HSV	192°, 49%, 91%
XYZ	45.3623, 55.8983, 85.4894
YIQ	185.4130, -61.6190, -12.1390

# Conversions

## Conversions Part 2

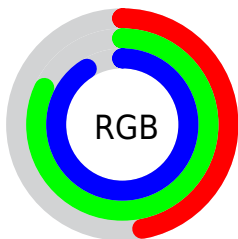
Format	Color
R <sub>Y</sub> B	119, 170, 233
Decimal	7852777
CIE Lab	79.56, -21.14, -19.76
CIE LCh	80, 28.933, 223.064
Yxy	55.8983, 0.2429, 0.2993
Android (android.graphics.Color)	4286042857 (0xFF77D2E9)
YUV	185.4130, 23.4604, -58.2442
Hunter-Lab	74.7652, -22.5376, -15.4589

# Details

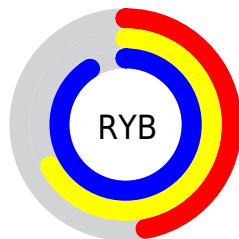
The Hex color **77D2E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E98E77**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B1FFFF**, and **3A9BB1** is the 20% darker color. If you saturate the color by 10%, you get **60CDE9**, and if you desaturate by 10%, it is **8ED7E9**.

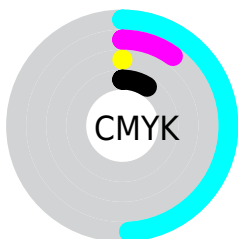
# Distribution



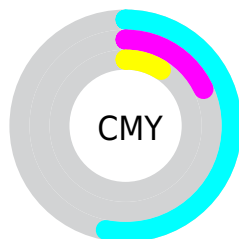
- Red (47%)
- Green (82%)
- Blue (91%)



- Red (47%)
- Yellow (67%)
- Blue (91%)



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (18%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77D2E9 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 77D2E9 by changing the saturation by 10% instead.



 77D2E9

 77D2E9

FFFFFF

 59B6CD

 B1FFFF

 3A9BB1

 CFFFFFF

 0D8197

 ECFFFF

 00687D

 005064

 00384C

 002335

 000220

 000004

■ 77D2E9

■ 77D2E9

■ 60CDE9

■ 8ED7E9

■ 48C9E9

■ A6DBE9

■ 31C4E9

■ BDE0E9

■ 1ABFE9

■ D4E5E9

■ 03BAE9

■ ECEAE9

■ 00BAE9

■ FFE9E9

■ FFF3E9

■ FFF8E9

■ FFFCE9

# Harmonies

## Analogous

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



79D4D0



77D2E9



8FCCF8

# Triad

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



77D2E9



F1B3D6



CDC790

# Complementary

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



77D2E9



E98E77

# 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.



E7BE92



77D2E9



FCB2BA

# Square

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



77D2E9



D8BAED



F8B6A2



AECF9D

# Rectangle

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



77D2E9



A8C7FB



F8B6A2



D6C48F

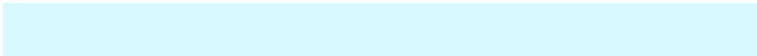


# Sweetspot

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



77D2E9



D9F7FF



77E98E



697B80



000000



808080



# Same Dimension

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



77D2E9



69E1FF



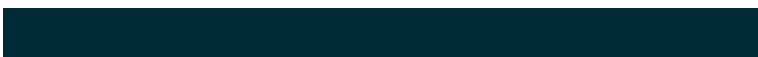
7799E9



6A7375



0091B5



002B36



# Inverse Universe

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



E977D2



FF69E1



E9C777



756A73



B50091

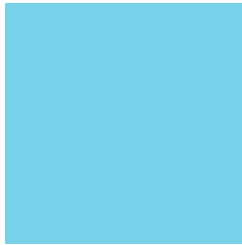


36002B



# Previews

## White Background



This preview shows how the Hex color 77D2E9 looks on a white background.

## Color Contrast Check

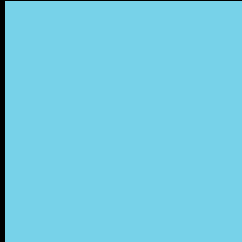
Large Text (above 18pt) WCAG AA × Fail

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 77D2E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

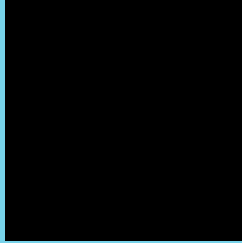
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77D2E9 Background



This preview shows how black text looks on a background with the Hex color 77D2E9.

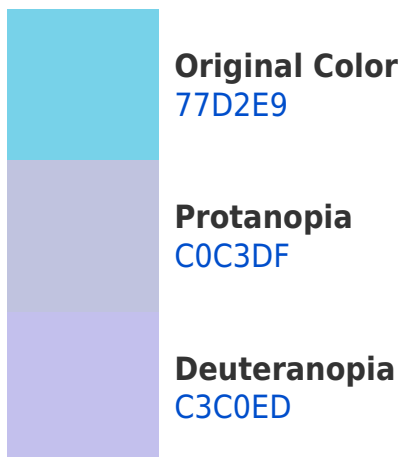


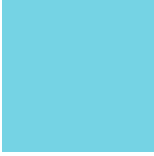
This preview shows how white text looks on a background with the Hex color 77D2E9.

# 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](#).

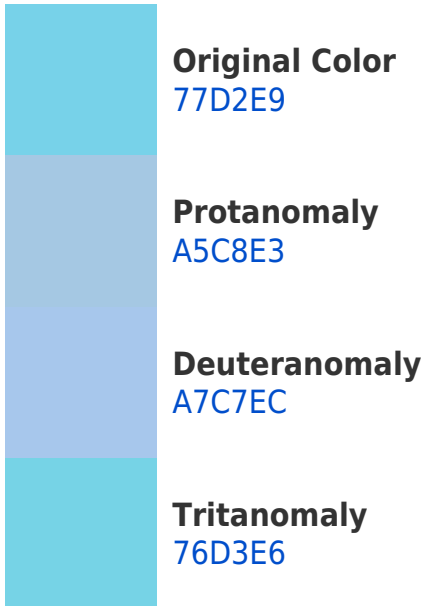
## Dichromacy





**Tritanopia**  
75D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77D2E9 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 #77D2E9 looks like.

```
.text, #text, p{  
    color:#77D2E9  
}
```

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 #77D2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D2E9
}
```

## Border

The CSS property to change the border of an element to Hex 77D2E9 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
#77D2E9 }
```

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

```
.border{ border-color:#77D2E9 }
```

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

Here you see how a box with a 4 pixel #77D2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D2E9; -webkit-box-shadow:4px 4px  
4px 4px #77D2E9; box-shadow:4px 4px 4px  
4px #77D2E9 }
```

# Background

The CSS property to change the background color of an element to Hex 77D2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D2E9 }
```

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

```
.background{ background-color:#77D2E9 }
```

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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