

Converting Colors

Hex(77ECC2)

Have a look what the booklet for
Hex(77ECC2) contains.

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Color

Hex(77ECC2)

Conversions

Conversions Part 1

Format	Color
Hex	77ECC2
RGB	119, 236, 194
RGB Percent	47%, 93%, 76%
CMY	0.5333, 0.0745, 0.2392
CMYK	0.50, 0.00, 0.18, 0.07
HSL	158°, 75%, 70%
HSV	158°, 50%, 93%
XYZ	47.3408, 67.8079, 61.6320
YIQ	196.2290, -56.2500, -37.8660

Conversions

Conversions Part 2

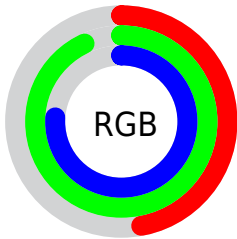
Format	Color
RYB	119, 190, 236
Decimal	7859394
CIELab	85.91, -42.93, 10.27
CIELCh	86, 44.138, 166.551
Yxy	67.8079, 0.2678, 0.3836
Android (android.graphics.Color)	4286049474 (0xFF77ECC2)
YUV	196.2290, -1.0989, -67.7298
Hunter-Lab	82.3455, -41.4843, 13.2659

Details

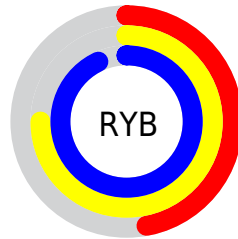
The Hex color **77ECC2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EC77A1**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B1FFFB**, and **39B38C** is the 20% darker color. If you saturate the color by 10%, you get **5FECBA**, and if you desaturate by 10%, it is **8FECCA**.

Distribution



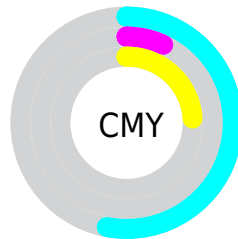
- Red (47%)
- Green (93%)
- Blue (76%)



- Red (47%)
- Yellow (75%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77ECC2 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 77ECC2 by changing the saturation by 10% instead.

 77ECC2

 77ECC2

FFFFFF

 59CFA7

 B1FFFB

 39B38C

 CFFFFFF

 0A9873

 EDFFFF

 007E5A

 006443

 004B2D

 003318

 001D00

 000000

 77ECC2

 77ECC2

 5FECBA

 8FECCA

 48ECB1

 A6ECD3

 30ECA9

 BEECDB

 19ECA0

 D5ECE4

 01EC98

 EDECEC

 00EC97

 FFECF5

 FFECFD

 FFECHF

Harmonies

Analogous

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



ACE69C



77ECC2



3DEDED

Triad

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



77ECC2



C0D3FF



FFC09C

Complementary

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



77ECC2



EC77A1

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.



FFB7C1



77ECC2



F9C4FF

Square

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



77ECC2



7AE1FF



FFB9EB



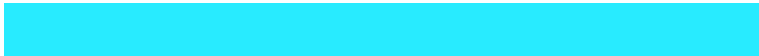
FFCE86

Rectangle

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



77ECC2



28EBFF



FFB9EB



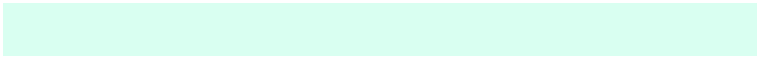
FFBCA7

Sweetspot

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



77ECC2



D9FFF1



A2EC77



698077



000000



808080

Same Dimension

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



77ECC2



69FFC9



77DCEC



6A7571



00B574



003622

Inverse Universe

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



EC77A1



FF699F



EC8777



756A6E



B50041



360013

Previews

White Background



This preview shows how the Hex color 77ECC2 looks on a white background.

Color Contrast Check

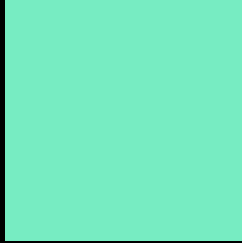
Large Text (above 18pt) WCAG AA × Fail

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 77ECC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

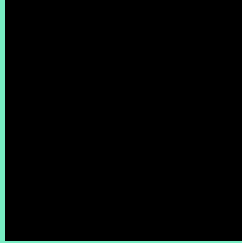
Any Text WCAG AA ✓ Pass

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 77ECC2 Background



This preview shows how black text looks on a background with the Hex color 77ECC2.

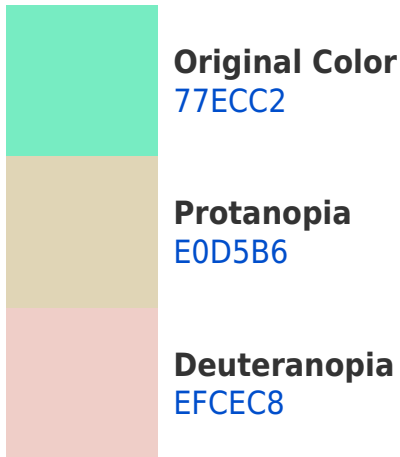


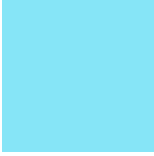
This preview shows how white text looks on a background with the Hex color 77ECC2.

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
86E5F7

Trichromacy



Original Color
77ECC2



Protanomaly
BADDBA



Deuteranomaly
C3D9C6

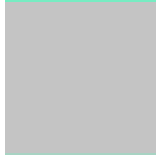


Tritanomaly
81E8E4

Monochromacy



Original Color
77ECC2



Achromatopsia
C4C4C4



Achromatomaly
A8D3C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 77ECC2 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 #77ECC2 looks like.

```
.text, #text, p{  
    color:#77ECC2  
}
```

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 #77ECC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ECC2
}
```

Border

The CSS property to change the border of an element to Hex 77ECC2 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
#77ECC2 }
```

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

```
.border{ border-color:#77ECC2 }
```

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

Here you see how a box with a 4 pixel #77ECC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ECC2; -webkit-box-shadow:4px 4px  
4px 4px #77ECC2; box-shadow:4px 4px 4px  
4px #77ECC2 }
```

Background

The CSS property to change the background color of an element to Hex 77ECC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ECC2 }
```

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

```
.background{ background-color:#77ECC2 }
```

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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