

# Converting Colors

Hex(79ECB5)

Have a look what the booklet for  
Hex(79ECB5) contains.

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# Color

**Hex(79ECB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79ECB5
RGB	121, 236, 181
RGB Percent	47%, 93%, 71%
CMY	0.5255, 0.0745, 0.2902
CMYK	0.49, 0.00, 0.23, 0.07
HSL	151°, 75%, 70%
HSV	151°, 49%, 93%
XYZ	46.2211, 67.3920, 54.2879
YIQ	195.3450, -50.8850, -41.4850

# Conversions

## Conversions Part 2

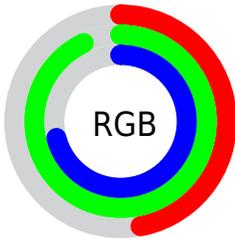
Format	Color
<a href="#">RYB</a>	<a href="#">121, 197, 236</a>
Decimal	<a href="#">7990453</a>
CIELab	<a href="#">85.70, -45.18, 16.76</a>
CIELCh	<a href="#">86, 48.185, 159.650</a>
Yxy	<a href="#">67.3920, 0.2753, 0.4014</a>
Android (android.graphics.Color)	<a href="#">4286180533 (0xFF79ECB5)</a>
YUV	<a href="#">195.3450, -7.0721, -65.2006</a>
Hunter-Lab	<a href="#">82.0927, -43.1603, 18.2564</a>

# Details

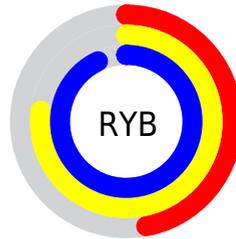
The Hex color **79ECB5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EC79B0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B3FFED**, and **3DB380** is the 20% darker color. If you saturate the color by 10%, you get **61ECAA**, and if you desaturate by 10%, it is **91ECC0**.

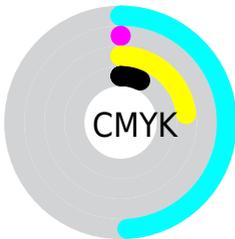
# Distribution



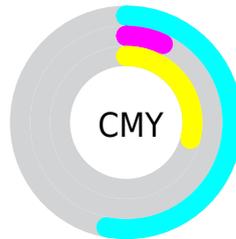
- Red (47%)
- Green (93%)
- Blue (71%)



- Red (47%)
- Yellow (77%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79ECB5 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 79ECB5 by changing the saturation by 10% instead.

 79ECB5

FFFFFF

 B3FFED

 D0FFFF

 EEEFFF

 79ECB5

 5CCF9A

 3DB380

 149867

 007E4F

 006438

 004B22

 00330C

 001C00

 000000

 79ECB5

 79ECB5

 61ECAA

 91ECC0

 4AEC9E

 A8ECCC

 32EC93

 C0ECD7

 1BEC88

 D7ECE2

 03EC7D

 EFECED

 00EC7B

 FFECF9

 FFECFF

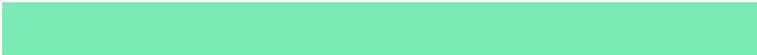
# Harmonies

## Analogous

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



B4E58E



79ECB5



23EEE4

# Triad

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



79ECB5



ABD6FF



FFBA9E

# Complementary

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



79ECB5



EC79B0

# 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.



FFB2C9



79ECB5



EEC5FF

# Square

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



79ECB5



51E4FF



FFB7F7



FFC981

# Rectangle

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



79ECB5



00EDFF



FFB7F7



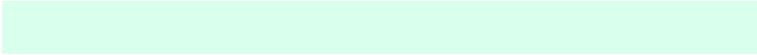
FFB6AB

# Sweetspot

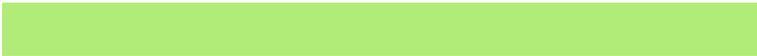
The Sweet Spot groups the original color and five complimentary colors.



79ECB5



D9FFED



B1EC79



698075



000000

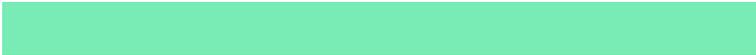


808080

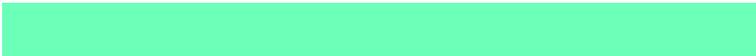


# Same Dimension

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



79ECB5



6BFFB8



79EAEC



6A7570



00B55E



00361C



# Inverse Universe

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



EC79B0



FF6BB2



EC7B79



756A6F



B50057



36001A



# Previews

## White Background



This preview shows how the Hex color 79ECB5 looks on a white background.

## Color Contrast Check

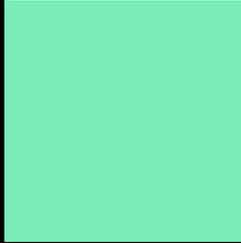
Large Text (above 18pt) WCAG AA × Fail

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 79ECB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

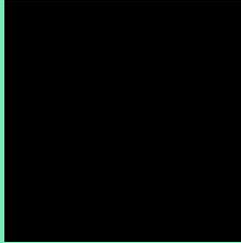
Any Text WCAG AA ✓ Pass

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 79ECB5 Background



This preview shows how black text looks on a background with the Hex color 79ECB5.



This preview shows how white text looks on a background with the Hex color 79ECB5.

# 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**  
8AE3F6

# Trichromacy



**Original Color**  
79ECB5



**Protanomaly**  
BCDDAE



**Deuteranomaly**  
C7D8B9



**Tritanomaly**  
84E6DE

# Monochromacy



**Original Color**  
79ECB5



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A8D2BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79ECB5 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 #79ECB5 looks like.

```
.text, #text, p{  
    color:#79ECB5  
}
```

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 #79ECB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79ECB5
}
```

## Border

The CSS property to change the border of an element to Hex 79ECB5 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
#79ECB5 }
```

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

```
.border{ border-color:#79ECB5 }
```

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

Here you see how a box with a 4 pixel #79ECB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79ECB5; -webkit-box-shadow:4px 4px  
4px 4px #79ECB5; box-shadow:4px 4px 4px  
4px #79ECB5 }
```

# Background

The CSS property to change the background color of an element to Hex 79ECB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79ECB5 }
```

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

```
.background{ background-color:#79ECB5 }
```

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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