

# Converting Colors

Hex(73E7B2)

Have a look what the booklet for  
Hex(73E7B2) contains.

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**Color**

**Hex(73E7B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73E7B2
RGB	115, 231, 178
RGB Percent	45%, 91%, 70%
CMY	0.5490, 0.0941, 0.3020
CMYK	0.50, 0.00, 0.23, 0.09
HSL	153°, 71%, 68%
HSV	153°, 50%, 91%
XYZ	43.6820, 64.0110, 52.1726
YIQ	190.2740, -52.1230, -41.0750

# Conversions

## Conversions Part 2

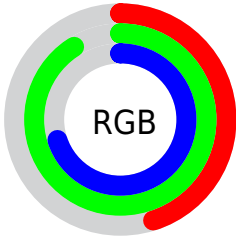
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 190, 231
Decimal	7595954
CIELab	83.97, -45.06, 15.86
CIElCh	84, 47.766, 160.606
Yxy	64.0110, 0.2732, 0.4004
Android (android.graphics.Color)	4285786034 (0xFF73E7B2)
YUV	190.2740, -6.0511, -66.0153
Hunter-Lab	80.0069, -42.5549, 17.3418

# Details

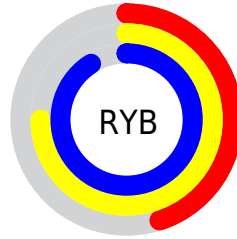
The Hex color **73E7B2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E773A8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **ADFFEA**, and **35AF7D** is the 20% darker color. If you saturate the color by 10%, you get **5CE7A7**, and if you desaturate by 10%, it is **8AE7BD**.

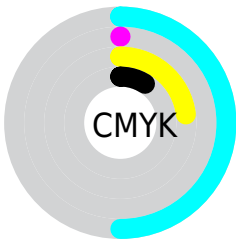
# Distribution



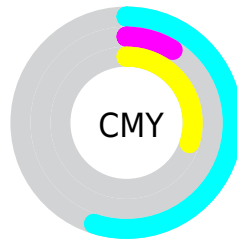
- Red (45%)
- Green (91%)
- Blue (70%)



- Red (45%)
- Yellow (75%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73E7B2 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 73E7B2 by changing the saturation by 10% instead.



 73E7B2

 73E7B2


FFFFFF

 55CA97

 ADFFEA

 35AF7D

 CBFFFF

 029364

 E8FFFF

 00794C

 005F35

 00471F

 003009

 001600

 000000

 73E7B2

 73E7B2

 5CE7A7

 8AE7BD

 45E79D

 A1E7C7

 2EE792

 B8E7D2

 17E788

 CFE7DC

 00E77D

 E7E7E7

 FEE7F1

 FFE7FC

 FFE7FF

# Harmonies

## Analogous

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



ADE08B



73E7B2



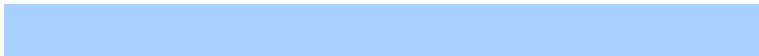
15E9E0

# Triad

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



73E7B2



A9D0FF



FFB699

# Complementary

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



73E7B2



E773A8

# 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.



FFAEC3



73E7B2



EBC0FF

# Square

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



73E7B2



50DEFF



FFB2F0



FFC57D

# Rectangle

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



73E7B2



00E8FE



FFB2F0



FFB2A6

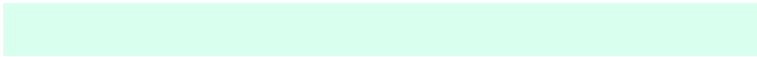


# Sweetspot

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



73E7B2



D9FFEE



A9E773



698075



000000



808080



# Same Dimension

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



73E7B2



66FFB9



73E3E7



67736E



00B361



00331C



# Inverse Universe

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



E773A8



FF66AC



E77773



73676D



B30052

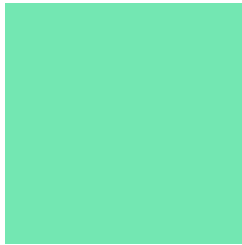


330017



# Previews

## White Background



This preview shows how the Hex color 73E7B2 looks on a white background.

## Color Contrast Check

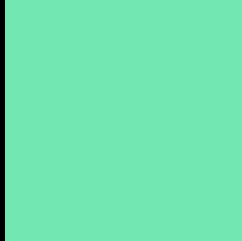
Large Text (above 18pt) WCAG AA × Fail

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 73E7B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

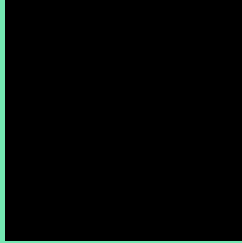
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73E7B2 Background



This preview shows how black text looks on a background with the Hex color 73E7B2.

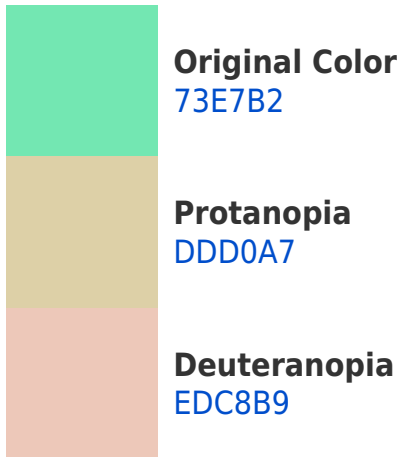


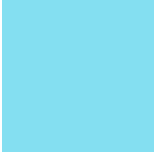
This preview shows how white text looks on a background with the Hex color 73E7B2.

# 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**  
84DFF1

# Trichromacy



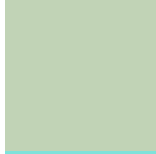
**Original Color**

73E7B2



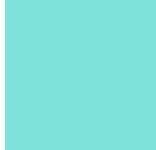
**Protanomaly**

B6D8AB



**Deuteranomaly**

C1D3B6



**Tritanomaly**

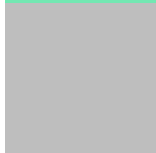
7EE2DA

# Monochromacy



**Original Color**

73E7B2



**Achromatopsia**

BEBEBE



**Achromatomaly**

A3CDBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73E7B2 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 #73E7B2 looks like.

```
.text, #text, p{  
    color:#73E7B2  
}
```

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 #73E7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73E7B2
}
```

## Border

The CSS property to change the border of an element to Hex 73E7B2 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
#73E7B2 }
```

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

```
.border{ border-color:#73E7B2 }
```

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

Here you see how a box with a 4 pixel #73E7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73E7B2; -webkit-box-shadow:4px 4px  
4px 4px #73E7B2; box-shadow:4px 4px 4px  
4px #73E7B2 }
```

# Background

The CSS property to change the background color of an element to Hex 73E7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73E7B2 }
```

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

```
.background{ background-color:#73E7B2 }
```

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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