

# Converting Colors

Hex(7ED5B7)

Have a look what the booklet for  
Hex(7ED5B7) contains.

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**Color**

**Hex(7ED5B7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7ED5B7                       |
| RGB         | 126, 213, 183                |
| RGB Percent | 49%, 84%, 72%                |
| CMY         | 0.5059, 0.1647, 0.2824       |
| CMYK        | 0.41, 0.00, 0.14, 0.16       |
| HSL         | 159°, 51%, 66%               |
| HSV         | 159°, 41%, 84%               |
| XYZ         | 40.9457, 55.4430, 53.3433    |
| YIQ         | 183.5670, -42.2220, -27.7740 |

# Conversions

## Conversions Part 2

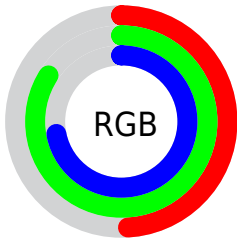
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">126, 179, 213</a>                   |
| Decimal                             | <a href="#">8312247</a>                         |
| CIELab                              | <a href="#">79.30, -33.13, 6.64</a>             |
| CIELCh                              | <a href="#">79, 33.792, 168.672</a>             |
| Yxy                                 | <a href="#">55.4430, 0.2735,<br/>0.3703</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286502327<br/>(0xFF7ED5B7)</a>     |
| YUV                                 | <a href="#">183.5670, -0.2795,<br/>-50.4863</a> |
| Hunter-Lab                          | <a href="#">74.4601, -32.1478,<br/>9.6466</a>   |

# Details

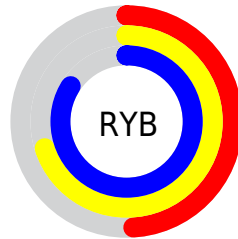
The Hex color **7ED5B7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D57E9C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B6FFEF**, and **479E82** is the 20% darker color. If you saturate the color by 10%, you get **69D5B0**, and if you desaturate by 10%, it is **93D5BE**.

# Distribution



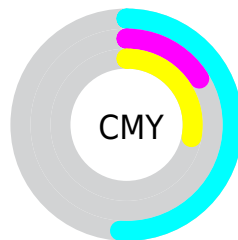
- Red (49%)
- Green (84%)
- Blue (72%)



- Red (49%)
- Yellow (70%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7ED5B7 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 7ED5B7 by changing the saturation by 10% instead.





7ED5B7



7ED5B7

FFFFFF



62B99C



B6FFEF



479E82



D3FFFF



298369



F0FFFF



006A51



00513A



003924



00250F



000000



7ED5B7



7ED5B7

 69D5B0

 93D5BE

 53D5A8

 A9D5C6

 3ED5A1

 BED5CD

 29D59A

 D3D5D4

 13D592

 E9D5DC

 00D58C

 FED5E3

 FFD5EA

 FFD5F2

 FFD5F9

# Harmonies

## Analogous

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



A3D19A



7ED5B7



62D6D7

# Triad

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



7ED5B7



B8C1FF



FBB496

# Complementary

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



7ED5B7



D57E9C

# 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.



FFAEB2



7ED5B7



E1B6EE

# Square

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



7ED5B7



89CBFF



FBAED2



E5BE87

# Rectangle

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



7ED5B7



5FD4EB



FBAED2



FFB19F



# Sweetspot

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



7ED5B7



E0FFF4



9CD57E



6E8079



000000



808080



# Same Dimension

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



7ED5B7



82FFD4



7EC8D5



606B67



00AB70



002B1C



# Inverse Universe

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



D57E9C



FF82AD



D58B7E



6B6064



AB003B

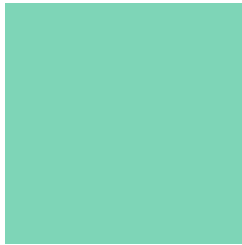


2B000F



# Previews

## White Background



This preview shows how the Hex color 7ED5B7 looks on a white background.

## Color Contrast Check

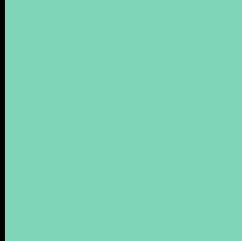
Large Text (above 18pt) WCAG AA × Fail

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 7ED5B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

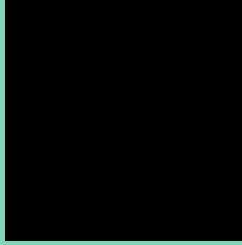
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

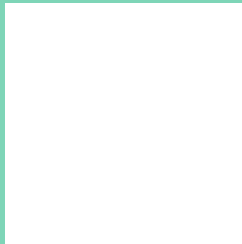
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7ED5B7 Background



This preview shows how black text looks on a background with the Hex color 7ED5B7.

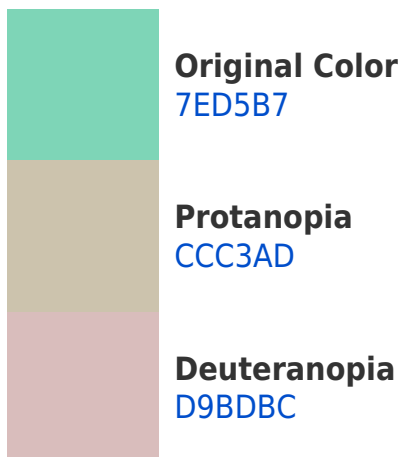


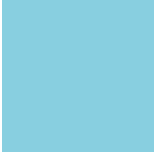
This preview shows how white text looks on a background with the Hex color 7ED5B7.

# 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**  
88CFE0

# Trichromacy



**Original Color**

7ED5B7



**Protanomaly**

B0CAB1



**Deuteranomaly**

B8C6BA



**Tritanomaly**

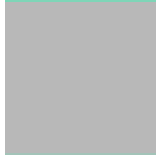
84D1D1

# Monochromacy



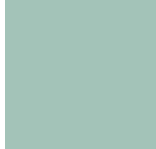
**Original Color**

7ED5B7



**Achromatopsia**

B8B8B8



**Achromatomaly**

A3C3B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7ED5B7 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 #7ED5B7 looks like.

```
.text, #text, p{  
    color:#7ED5B7  
}
```

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 #7ED5B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ED5B7  
}
```

## Border

The CSS property to change the border of an element to Hex 7ED5B7 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  
#7ED5B7 }
```

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

```
.border{ border-color:#7ED5B7 }
```

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

Here you see how a box with a 4 pixel #7ED5B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ED5B7; -webkit-box-shadow:4px 4px  
4px 4px #7ED5B7; box-shadow:4px 4px 4px  
4px #7ED5B7 }
```

# Background

The CSS property to change the background color of an element to Hex 7ED5B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ED5B7 }
```

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

```
.background{ background-color:#7ED5B7 }
```

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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