

Converting Colors

Hex(7EC183)

Have a look what the booklet for
Hex(7EC183) contains.

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Color

Hex(7EC183)

Conversions

Conversions Part 1

Format	Color
Hex	7EC183
RGB	126, 193, 131
RGB Percent	49%, 76%, 51%
CMY	0.5059, 0.2431, 0.4863
CMYK	0.35, 0.00, 0.32, 0.24
HSL	124°, 35%, 63%
HSV	124°, 35%, 76%
XYZ	31.7709, 44.2142, 28.3324
YIQ	165.8990, -20.0300, -33.4860

Conversions

Conversions Part 2

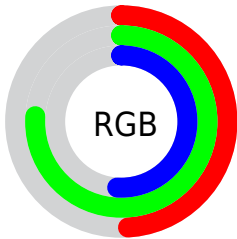
Format	Color
RYB	126, 188, 193
Decimal	8307075
CIELab	72.37, -33.91, 24.68
CIElCh	72, 41.939, 143.951
Yxy	44.2142, 0.3046, 0.4238
Android (android.graphics.Color)	4286497155 (0xFF7EC183)
YUV	165.8990, -17.2052, -34.9914
Hunter-Lab	66.4938, -31.0764, 21.2827

Details

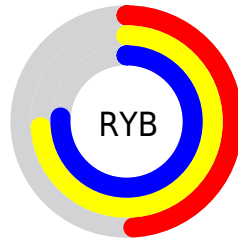
The Hex color **7EC183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C17EBC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B5FAB8**, and **498B51** is the 20% darker color. If you saturate the color by 10%, you get **6BC171**, and if you desaturate by 10%, it is **91C195**.

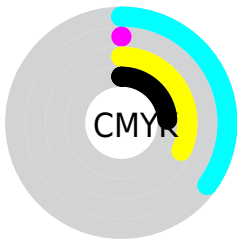
Distribution



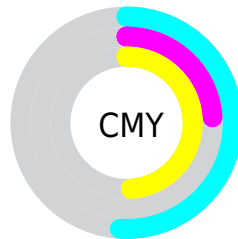
- Red (49%)
- Green (76%)
- Blue (51%)



- Red (49%)
- Yellow (74%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EC183 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 7EC183 by changing the saturation by 10% instead.

 7EC183

 7EC183

FFFFFF

 64A66A

 B5FAB8

 498B51

 D1FFD4

 2F7139

 EEEFF1

 125823

 00400C

 002A00

 000F00

 000000

 7EC183

 7EC183

 6BC171

 91C195

 57C15F

 A5C1A7

 44C14D

 B8C1B9

 31C13C

 CBC1CA

 1EC12A

 DFC1DC

 0AC118

 F2C1EE

 00C10E

 FFC1FF

Harmonies

Analogous

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



ABB96A



7EC183



47C5A8

Triad

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



7EC183



68B8FD



FB9594

Complementary

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



7EC183



C17EBC

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.



F694BB



7EC183



AAAAF7

Square

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



7EC183



00C1EE



DA9DDF



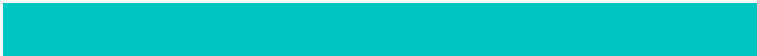
EE9F75

Rectangle

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



7EC183



00C6C3



DA9DDF



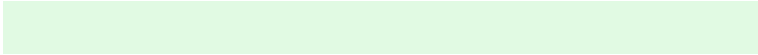
FC93A1

Sweetspot

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



7EC183



E1FAE3



BDC17E



6E7D6F



FCFCFC



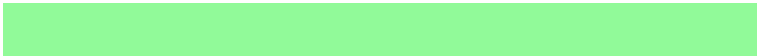
7D7D7D

Same Dimension

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



7EC183



91FA99



7EC1A4



576158



00A10C



002102

Inverse Universe

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



C17EBC



FA91F2



C17E9B



615760



A10095



21001F

Previews

White Background



This preview shows how the Hex color 7EC183 looks on a white background.

Color Contrast Check

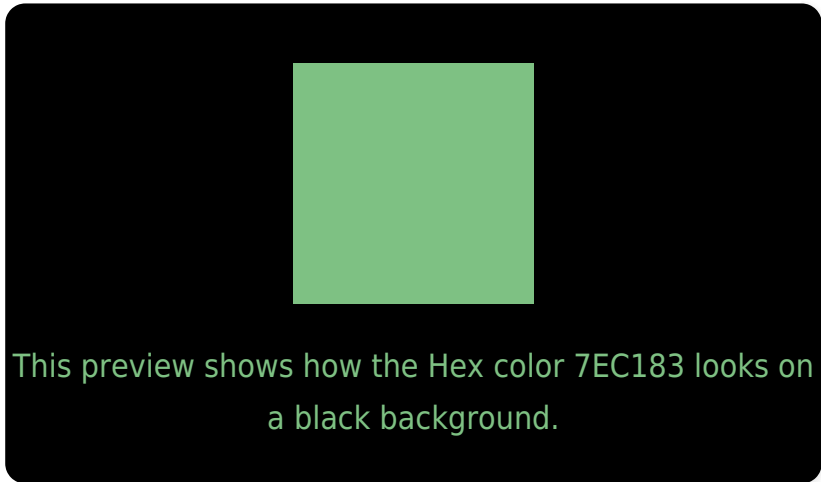
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

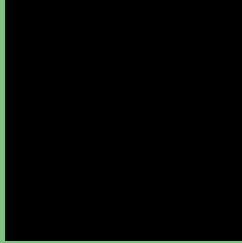
Any Text WCAG AA ✓ Pass

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 7EC183 Background



This preview shows how black text looks on a background with the Hex color 7EC183.

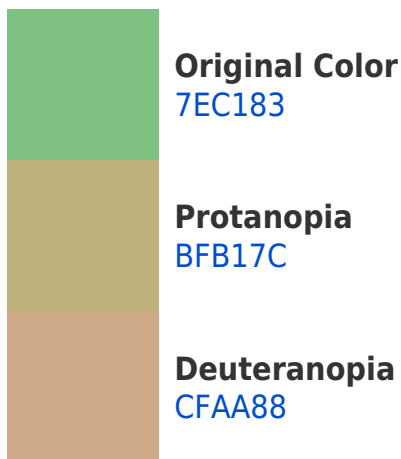


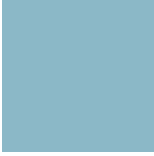
This preview shows how white text looks on a background with the Hex color 7EC183.

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
8BB8C7

Trichromacy



Original Color
7EC183



Protanomaly
A7B77F



Deuteranomaly
B2B286



Tritanomaly
86BBAE

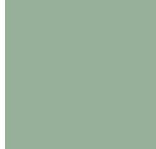
Monochromacy



Original Color
7EC183



Achromatopsia
A6A6A6



Achromatomaly
97B099

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EC183 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 #7EC183 looks like.

```
.text, #text, p{  
    color:#7EC183  
}
```

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 #7EC183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC183
}
```

Border

The CSS property to change the border of an element to Hex 7EC183 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
#7EC183 }
```

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

```
.border{ border-color:#7EC183 }
```

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

Here you see how a box with a 4 pixel #7EC183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC183; -webkit-box-shadow:4px 4px  
4px 4px #7EC183; box-shadow:4px 4px 4px  
4px #7EC183 }
```

Background

The CSS property to change the background color of an element to Hex 7EC183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC183 }
```

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

```
.background{ background-color:#7EC183 }
```

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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