

Converting Colors

Hex(77E9A5)

Have a look what the booklet for
Hex(77E9A5) contains.

Hex(77E9A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77E9A5)

Conversions

Conversions Part 1

Format	Color
Hex	77E9A5
RGB	119, 233, 165
RGB Percent	47%, 91%, 65%
CMY	0.5333, 0.0863, 0.3529
CMYK	0.49, 0.00, 0.29, 0.09
HSL	144°, 72%, 69%
HSV	144°, 49%, 91%
XYZ	43.5382, 64.9164, 45.8327
YIQ	191.1620, -46.1160, -45.3160

Conversions

Conversions Part 2

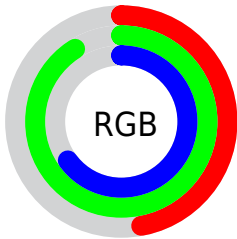
Format	Color
RYB	119, 200, 233
Decimal	7858597
CIELab	84.44, -47.50, 23.28
CIElCh	84, 52.902, 153.887
Yxy	64.9164, 0.2822, 0.4207
Android (android.graphics.Color)	4286048677 (0xFF77E9A5)
YUV	191.1620, -12.8979, -63.2861
Hunter-Lab	80.5707, -44.5422, 22.6723

Details

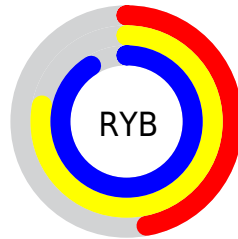
The Hex color **77E9A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E977BB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B1FFDC**, and **3BB071** is the 20% darker color. If you saturate the color by 10%, you get **60E997**, and if you desaturate by 10%, it is **8EE9B3**.

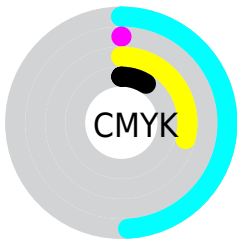
Distribution



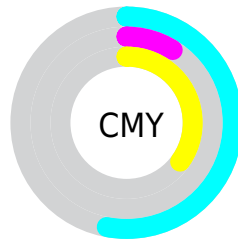
- Red (47%)
- Green (91%)
- Blue (65%)



- Red (47%)
- Yellow (78%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E9A5 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 77E9A5 by changing the saturation by 10% instead.

 77E9A5

 77E9A5

FFFFFF

 5ACC8A

 B1FFDC

 3BB071

 CEFFF9

 119558

 ECFFFF

 007B40

 006129

 004813

 003100

 001800

 000000

 77E9A5

 77E9A5

 60E997

 8EE9B3

 48E989

 A6E9C1

 31E97B

 BDE9CF

 1AE96D

 D4E9DD

 03E960

 ECE9EA

 00E95E

 FFE9F8

 FFE9FF

Harmonies

Analogous

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



B7E07D



77E9A5



00EDD8

Triad

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



77E9A5



8ED6FF



FFB09E

Complementary

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



77E9A5



E977BB

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.



FFAACE



77E9A5



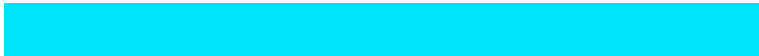
E0C3FF

Square

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



77E9A5



00E3FF



FFB2FF



FFC07A

Rectangle

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



77E9A5



00ECFA



FFB2FF



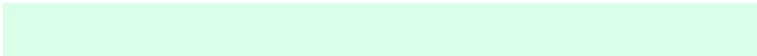
FFADAD

Sweetspot

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



77E9A5



D9FFE8



BBE977



698072



000000



808080

Same Dimension

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



77E9A5



69FFA5



77E9DE



6A756E



00B549



003616

Inverse Universe

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



E977BB



FF69C2



E97782



756A71



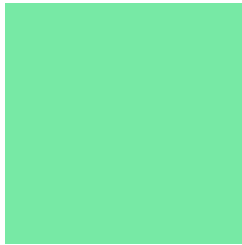
B5006C



360020

Previews

White Background



This preview shows how the Hex color 77E9A5 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 77E9A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

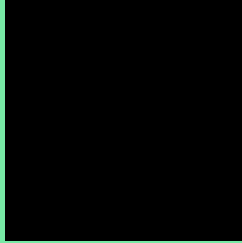
Any Text WCAG AA ✓ Pass

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 77E9A5 Background



This preview shows how black text looks on a background with the Hex color 77E9A5.

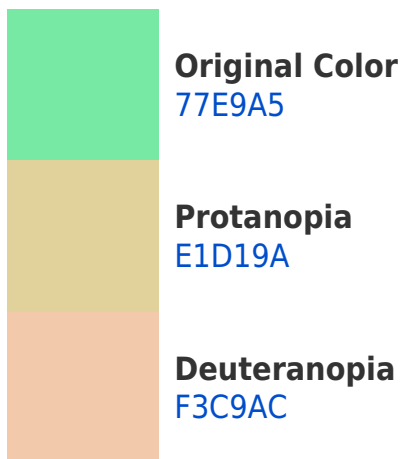


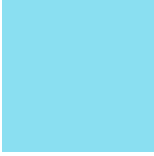
This preview shows how white text looks on a background with the Hex color 77E9A5.

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
8ADFF1

Trichromacy



Original Color

77E9A5



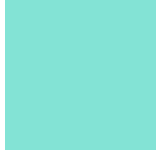
Protanomaly

BADA9E



Deuteranomaly

C6D5A9



Tritanomaly

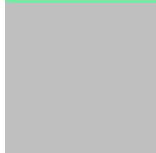
83E3D5

Monochromacy



Original Color

77E9A5



Achromatopsia

BFBFBF



Achromatomaly

A5CEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E9A5 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 #77E9A5 looks like.

```
.text, #text, p{  
    color:#77E9A5  
}
```

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 #77E9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E9A5
}
```

Border

The CSS property to change the border of an element to Hex 77E9A5 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
#77E9A5 }
```

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

```
.border{ border-color:#77E9A5 }
```

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

Here you see how a box with a 4 pixel #77E9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E9A5; -webkit-box-shadow:4px 4px  
4px 4px #77E9A5; box-shadow:4px 4px 4px  
4px #77E9A5 }
```

Background

The CSS property to change the background color of an element to Hex 77E9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E9A5 }
```

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

```
.background{ background-color:#77E9A5 }
```

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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