

Converting Colors

Hex(77AC95)

Have a look what the booklet for
Hex(77AC95) contains.

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Color

Hex(77AC95)

Conversions

Conversions Part 1

Format	Color
Hex	77AC95
RGB	119, 172, 149
RGB Percent	47%, 67%, 58%
CMY	0.5333, 0.3255, 0.4157
CMYK	0.31, 0.00, 0.13, 0.33
HSL	154°, 24%, 57%
HSV	154°, 31%, 67%
XYZ	27.7851, 35.5969, 33.8402
YIQ	153.5310, -24.2050, -18.3890

Conversions

Conversions Part 2

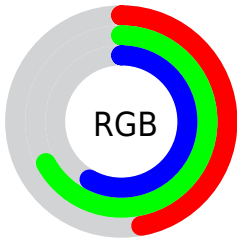
Format	Color
RYB	119, 153, 172
Decimal	7842965
CIELab	66.21, -22.52, 6.27
CIELCh	66, 23.374, 164.442
Yxy	35.5969, 0.2858, 0.3661
Android (android.graphics.Color)	4286033045 (0xFF77AC95)
YUV	153.5310, -2.2338, -30.2837
Hunter-Lab	59.6631, -21.2832, 8.1356

Details

The Hex color **77AC95** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC778E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ADE4CB**, and **447762** is the 20% darker color. If you saturate the color by 10%, you get **66AC8E**, and if you desaturate by 10%, it is **88AC9C**.

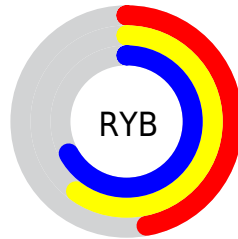
Distribution



Red (47%)

Green (67%)

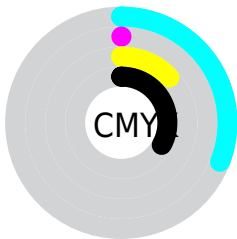
Blue (58%)



Red (47%)

Yellow (60%)

Blue (67%)

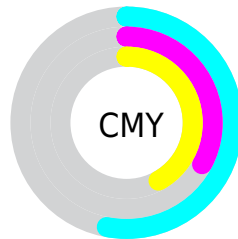


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AC95 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 77AC95 by changing the saturation by 10% instead.

 77AC95

 77AC95

FFFFFF

 5D917B


 ADE4CB

 447762

 C8FFE7

 2C5E4B

 E5FFFF

 114734

 00301F

 001D06

 000000

 77AC95

 77AC95

 66AC8E

 88AC9C

■ 55AC86

■ 99ACA4

■ 43AC7F

■ ABACAB

■ 32AC77

■ BCACB3

■ 21AC70

■ CDACBA

■ 10AC68

■ DEACC2

■ 00AC61

■ EFACC9

■ FFACD1

■ FFACD8

Harmonies

Analogous

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



8EA982



77AC95



66ADAB

Triad

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



77AC95



969FC9



C89584

Complementary

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



77AC95



AC778E

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.



CC9297



77AC95



B198BF

Square

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



77AC95



79A6C9



C493AD



BA9C79

Rectangle

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



77AC95



64ACB8



C493AD



CB948A

Sweetspot

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



77AC95



CCE0D8



8FAC77



64706B



F0F0F0



707070

Same Dimension

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



77AC95



8DE0BC



77A9AC



4E5753



009655



00170D

Inverse Universe

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



AC778E



E08DB1



AC7A77



574E52



960041



17000A

Previews

White Background



This preview shows how the Hex color 77AC95 looks on a white background.

Color Contrast Check

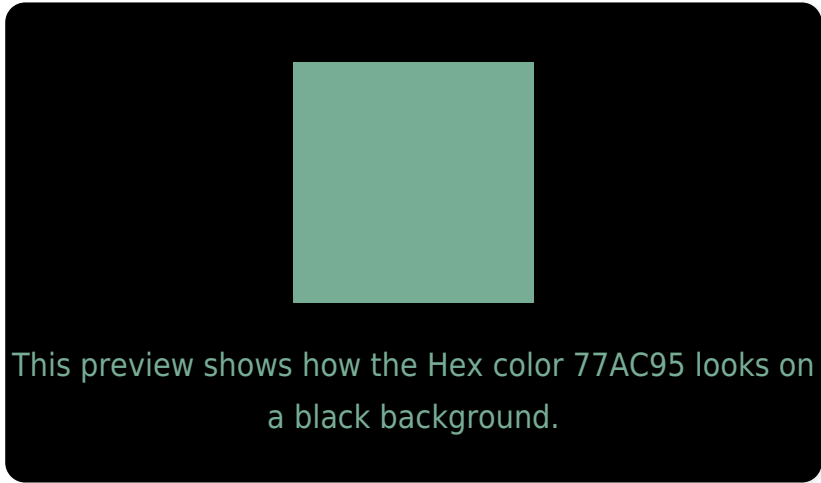
Large Text (above 18pt) WCAG AA × Fail

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

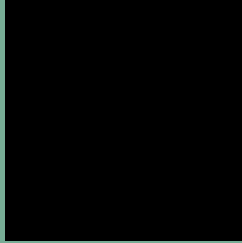
Any Text WCAG AA ✓ Pass

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 77AC95 Background



This preview shows how black text looks on a background with the Hex color 77AC95.

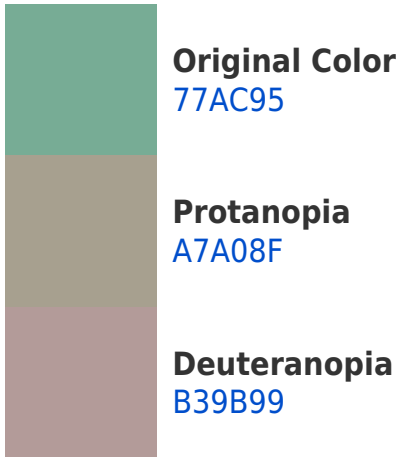


This preview shows how white text looks on a background with the Hex color 77AC95.

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](#).

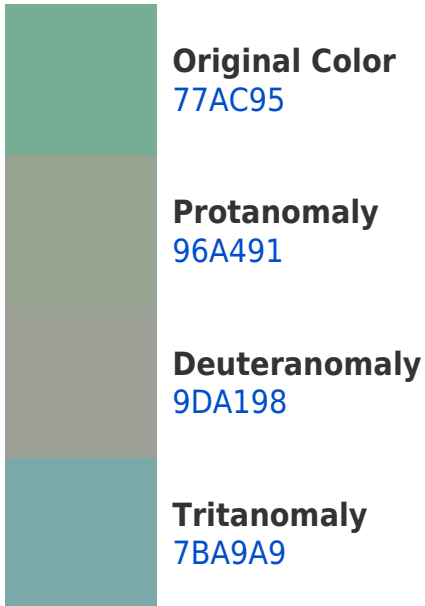
Dichromacy



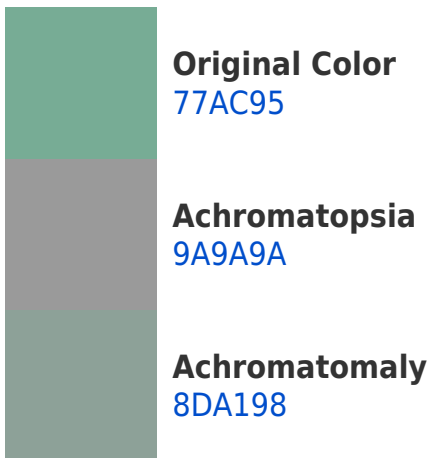


Tritanopia
7EA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AC95 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 #77AC95 looks like.

```
.text, #text, p{  
    color:#77AC95  
}
```

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 #77AC95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AC95
}
```

Border

The CSS property to change the border of an element to Hex 77AC95 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
#77AC95 }
```

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

```
.border{ border-color:#77AC95 }
```

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

Here you see how a box with a 4 pixel #77AC95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AC95; -webkit-box-shadow:4px 4px  
4px 4px #77AC95; box-shadow:4px 4px 4px  
4px #77AC95 }
```

Background

The CSS property to change the background color of an element to Hex 77AC95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AC95 }
```

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

```
.background{ background-color:#77AC95 }
```

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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