

Converting Colors

Hex(77A395)

Have a look what the booklet for
Hex(77A395) contains.

Hex(77A395)	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(77A395)

Conversions

Conversions Part 1

Format	Color
Hex	77A395
RGB	119, 163, 149
RGB Percent	47%, 64%, 58%
CMY	0.5333, 0.3608, 0.4157
CMYK	0.27, 0.00, 0.09, 0.36
HSL	161°, 19%, 55%
HSV	161°, 27%, 64%
XYZ	26.1298, 32.2863, 33.2885
YIQ	148.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

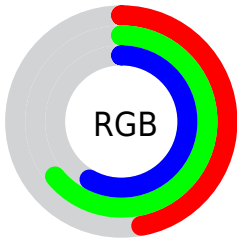
Format	Color
RYB	119, 145, 163
Decimal	7840661
CIELab	63.58, -17.90, 2.47
CIElCh	64, 18.068, 172.138
Yxy	32.2863, 0.2849, 0.3521
Android (android.graphics.Color)	4286030741 (0xFF77A395)
YUV	148.2480, 0.3707, -25.6505
Hunter-Lab	56.8210, -17.3515, 5.0398

Details

The Hex color **77A395** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37785**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACDACB**, and **456F62** is the 20% darker color. If you saturate the color by 10%, you get **67A390**, and if you desaturate by 10%, it is **87A39A**.

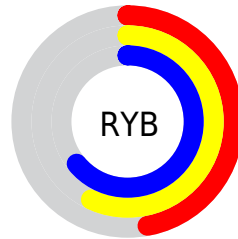
Distribution



Red (47%)

Green (64%)

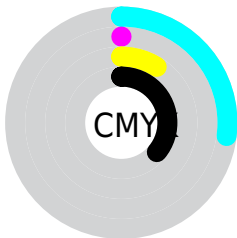
Blue (58%)



Red (47%)

Yellow (57%)

Blue (64%)

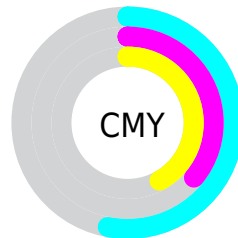


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A395 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 77A395 by changing the saturation by 10% instead.



77A395



77A395

FFFFFF



5E897B



ACDACB



456F62



C8F7E7



2D574B



E4FFFF



153F34



00291F



001506



000000



77A395



77A395



67A390



87A39A

■ 56A38B

■ 98A39F

■ 46A385

■ A8A3A5

■ 36A380

■ B8A3AA

■ 26A37B

■ C9A3AF

■ 15A376

■ D9A3B4

■ 05A371

■ E9A3B9

■ 00A36F

■ F9A3BE

■ FFA3C4

Harmonies

Analogous

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



87A186



77A395



6EA3A5

Triad

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



77A395



9797B8



B79281

Complementary

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



77A395



A37785

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.



BC8F8F



77A395



AB92AE

Square

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



77A395



829DB9



B88F9F



AA977A

Rectangle

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



77A395



6FA2AF



B88F9F



B99185

Sweetspot

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



77A395



C3D4CE



86A377



606B68



EBEBEB



6B6B6B

Same Dimension

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



77A395



90D4BE



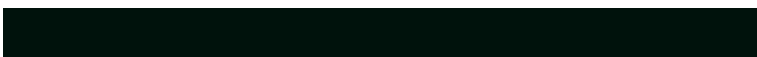
779CA3



49524F



009163



00120C

Inverse Universe

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



A37785



D490A5



A37E77



52494C



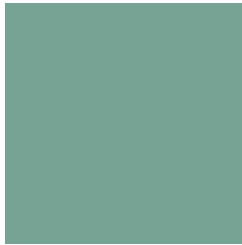
91002E



120006

Previews

White Background



This preview shows how the Hex color 77A395 looks on a white background.

Color Contrast Check

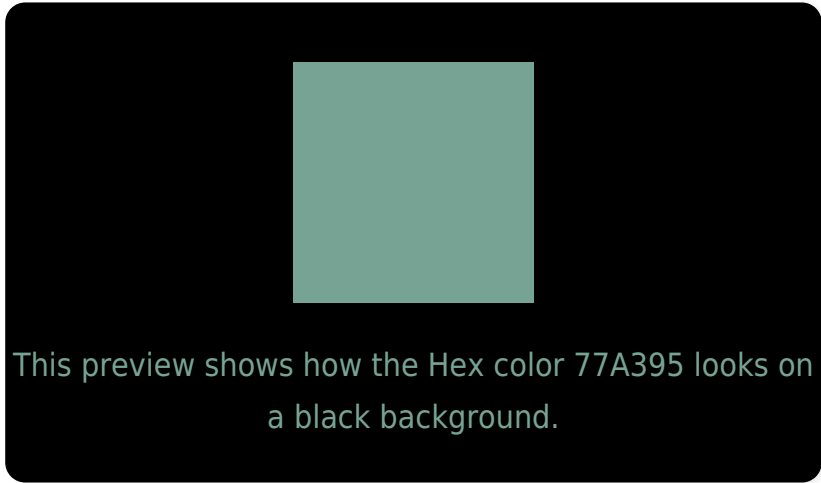
Large Text (above 18pt) WCAG AA × Fail

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

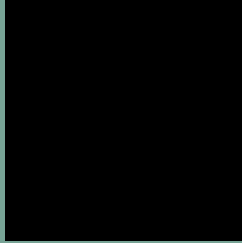
Any Text WCAG AA ✓ Pass

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 77A395 Background



This preview shows how black text looks on a background with the Hex color 77A395.

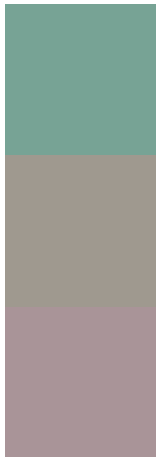


This preview shows how white text looks on a background with the Hex color 77A395.

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



Original Color
77A395

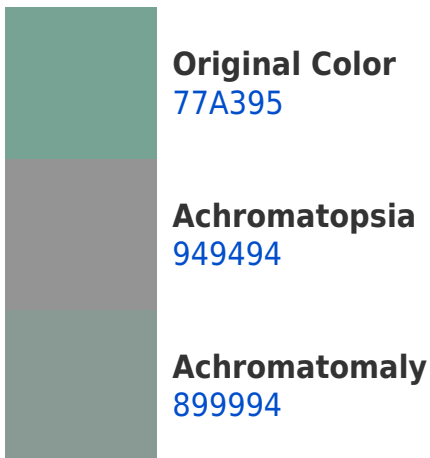
Protanopia
9F998F

Deuteranopia
A99498

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A395 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 #77A395 looks like.

```
.text, #text, p{  
    color:#77A395  
}
```

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 #77A395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A395
}
```

Border

The CSS property to change the border of an element to Hex 77A395 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
#77A395 }
```

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

```
.border{ border-color:#77A395 }
```

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

Here you see how a box with a 4 pixel #77A395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A395; -webkit-box-shadow:4px 4px  
4px 4px #77A395; box-shadow:4px 4px 4px  
4px #77A395 }
```

Background

The CSS property to change the background color of an element to Hex 77A395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A395 }
```

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

```
.background{ background-color:#77A395 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor