

Converting Colors

Hex(79A877)

Have a look what the booklet for
Hex(79A877) contains.

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Color

Hex(79A877)

Conversions

Conversions Part 1

Format	Color
Hex	79A877
RGB	121, 168, 119
RGB Percent	47%, 66%, 47%
CMY	0.5255, 0.3412, 0.5333
CMYK	0.28, 0.00, 0.29, 0.34
HSL	118°, 22%, 56%
HSV	118°, 29%, 66%
XYZ	25.2176, 33.4021, 22.5709
YIQ	148.3610, -12.2830, -25.2030

Conversions

Conversions Part 2

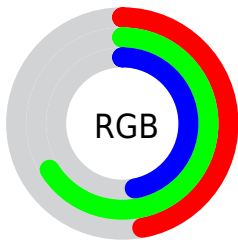
Format	Color
RYB	119, 168, 166
Decimal	7972983
CIELab	64.49, -25.63, 20.40
CIELCh	64, 32.761, 141.483
Yxy	33.4021, 0.3106, 0.4114
Android (android.graphics.Color)	4286163063 (0xFF79A877)
YUV	148.3610, -14.4750, -23.9956
Hunter-Lab	57.7946, -23.2554, 17.3013

Details

The Hex color **79A877** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A677A8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AEDFAB**, and **477446** is the 20% darker color. If you saturate the color by 10%, you get **69A866**, and if you desaturate by 10%, it is **89A888**.

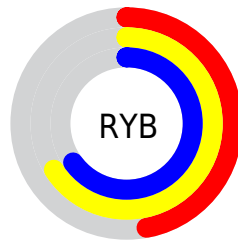
Distribution



Red (47%)

Green (66%)

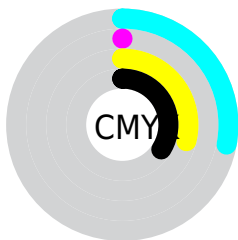
Blue (47%)



Red (47%)

Yellow (66%)

Blue (65%)

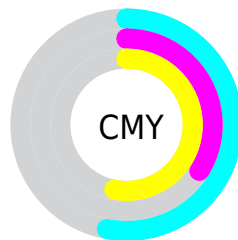


Cyan (28%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79A877 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 79A877 by changing the saturation by 10% instead.

 79A877

 79A877

FFFFFF

 5F8D5E

 AEDFAB

 477446

 CAFCC7

 2E5B2F

 E7FFE3

 16431A

 002C01

 001800

 000000

 79A877

 79A877

 69A866

 89A888

 59A855

 99A899

 49A845

 A9A8A9

 39A834


 B9A8BA

 28A823

 CAA8CB

 18A812

 DAA8DC

 08A801

 EAA8ED

 07A800

 FAA8FD

 FFA8FF

Harmonies

Analogous

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



9BA165



79A877



55AC93

Triad

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



79A877



66A2D6



D68788

Complementary

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



79A877



A677A8

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.



D087A6



79A877



9498D3

Square

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



79A877



3AA9C9



B98DC1



CD8E70

Rectangle

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



79A877



3DACA7



B98DC1



D68692

Sweetspot

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



79A877



C8DBC8



A8A677



626E62



EDEDED



6E6E6E

Same Dimension

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



79A877



92DB8F



77A88D



4C544C



069400



011400

Inverse Universe

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



A677A8



D88FDB



A87792



544C54



8E0094



140014

Previews

White Background



This preview shows how the Hex color 79A877 looks on a white background.

Color Contrast Check

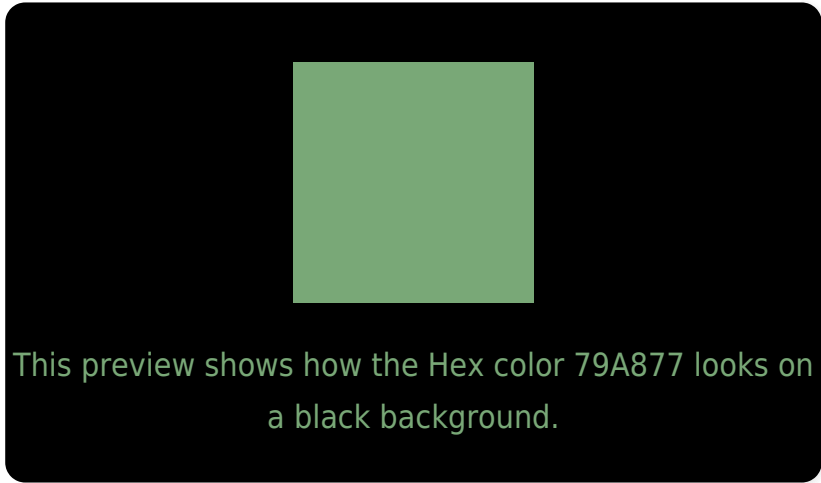
Large Text (above 18pt) WCAG AA × Fail

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

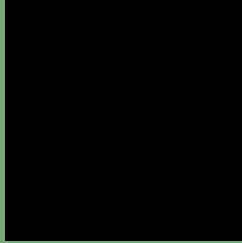
Any Text WCAG AA ✓ Pass

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 79A877 Background



This preview shows how black text looks on a background with the Hex color 79A877.



This preview shows how white text looks on a background with the Hex color 79A877.

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
79A877

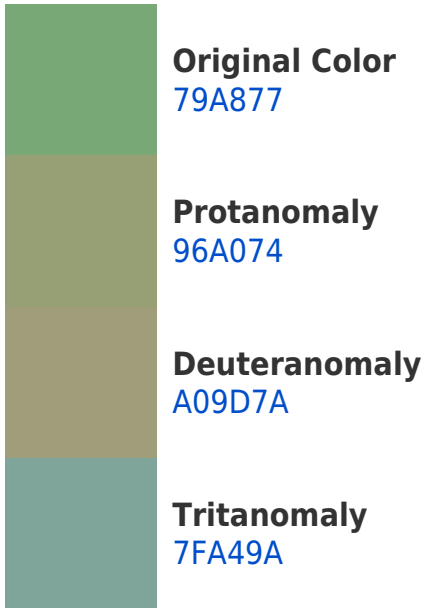
Protanopia
A79C72

Deuteranopia
B6967B



Tritanopia
83A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79A877 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 #79A877 looks like.

```
.text, #text, p{  
    color:#79A877  
}
```

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 #79A877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A877
}
```

Border

The CSS property to change the border of an element to Hex 79A877 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
#79A877 }
```

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

```
.border{ border-color:#79A877 }
```

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

Here you see how a box with a 4 pixel #79A877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A877; -webkit-box-shadow:4px 4px  
4px 4px #79A877; box-shadow:4px 4px 4px  
4px #79A877 }
```

Background

The CSS property to change the background color of an element to Hex 79A877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A877 }
```

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

```
.background{ background-color:#79A877 }
```

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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