

Converting Colors

Hex(82A282)

Have a look what the booklet for
Hex(82A282) contains.

Hex(82A282)	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(82A282)

Conversions

Conversions Part 1

Format	Color
Hex	82A282
RGB	130, 162, 130
RGB Percent	51%, 64%, 51%
CMY	0.4902, 0.3647, 0.4902
CMYK	0.20, 0.00, 0.20, 0.36
HSL	120°, 15%, 57%
HSV	120°, 20%, 64%
XYZ	26.1555, 32.1982, 25.9554
YIQ	148.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

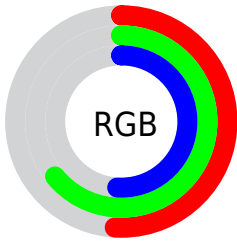
Format	Color
RYB	130, 162, 162
Decimal	8561282
CIELab	63.51, -17.48, 13.07
CIELCh	64, 21.826, 143.210
Yxy	32.1982, 0.3102, 0.3819
Android (android.graphics.Color)	4286751362 (0xFF82A282)
YUV	148.7840, -9.2605, -16.4736
Hunter-Lab	56.7435, -17.0227, 12.6002

Details

The Hex color **82A282** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A282A2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7D9B7**, and **506E51** is the 20% darker color. If you saturate the color by 10%, you get **72A272**, and if you desaturate by 10%, it is **92A292**.

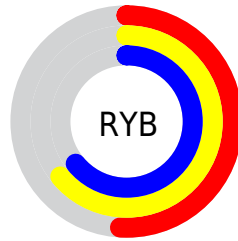
Distribution



Red (51%)

Green (64%)

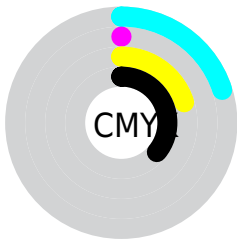
Blue (51%)



Red (51%)

Yellow (64%)

Blue (64%)

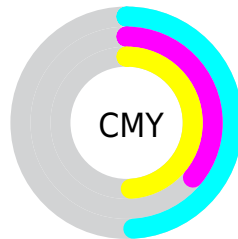


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82A282 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 82A282 by changing the saturation by 10% instead.



82A282



82A282

FFFFFF



698869



B7D9B7



506E51



D3F5D3



38563A



F0FFE0



223E24



0C280F



001500



000000



82A282



82A282



72A272



92A292

 62A262

 A2A2A2

 51A251

 B3A2B3

 41A241


 C3A2C3

 31A231

 D3A2D3

 21A221

 E3A2E3

 11A211

 F3A2F3

 00A200

 FFA2FF

Harmonies

Analogous

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



989D76



82A282



6EA595

Triad

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



82A282



7C9DC0



C28C8B

Complementary

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



82A282



A282A2

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.



BE8C9F



82A282



9796BD

Square

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



82A282



67A2B8



AF90B1



BB917B

Rectangle

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



82A282



65A5A2



AF90B1



C28C92

Sweetspot

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



82A282



C7D4C7



A2A282



646B64



EBEBEB



6B6B6B

Same Dimension

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



82A282



A1D4A1



82A292



495249



009100



001200

Inverse Universe

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



A282A2



D4A1D4



A28292



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 82A282 looks on a white background.

Color Contrast Check

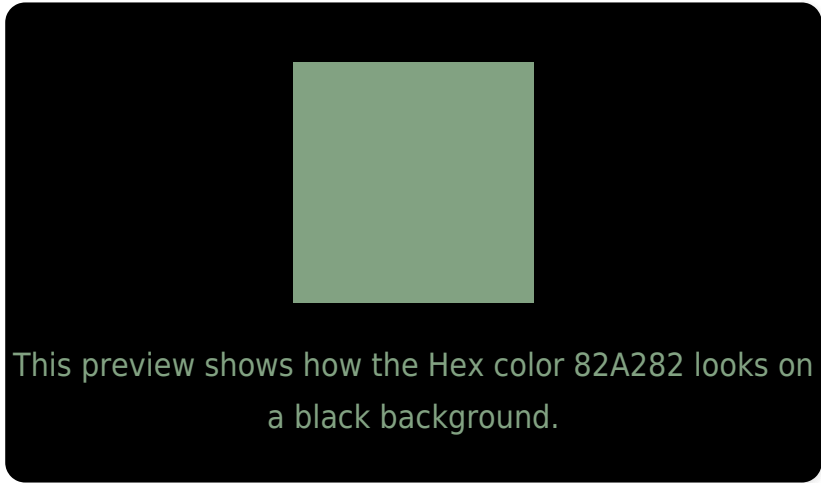
Large Text (above 18pt) WCAG AA × Fail

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

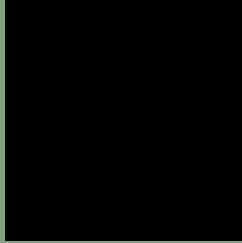
Any Text WCAG AA ✓ Pass

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 82A282 Background



This preview shows how black text looks on a background with the Hex color 82A282.

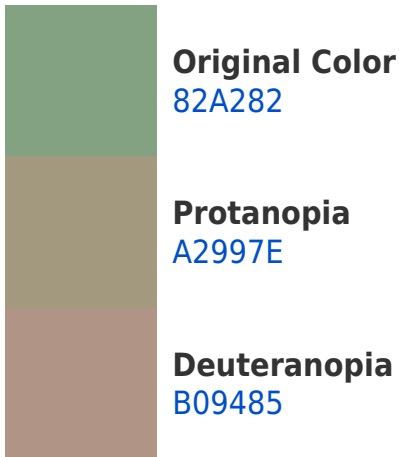


This preview shows how white text looks on a background with the Hex color 82A282.

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



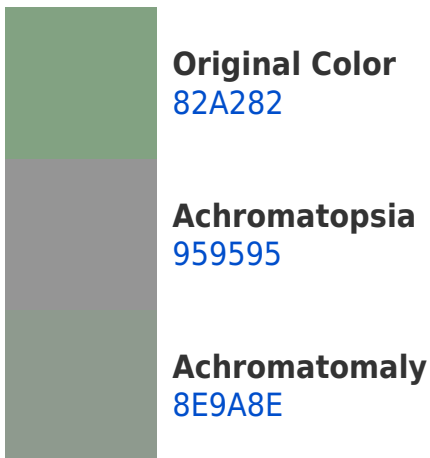


Tritanopia
899DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82A282 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 #82A282 looks like.

```
.text, #text, p{  
    color:#82A282  
}
```

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 #82A282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A282
}
```

Border

The CSS property to change the border of an element to Hex 82A282 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
#82A282 }
```

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

```
.border{ border-color:#82A282 }
```

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

Here you see how a box with a 4 pixel #82A282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A282; -webkit-box-shadow:4px 4px  
4px 4px #82A282; box-shadow:4px 4px 4px  
4px #82A282 }
```

Background

The CSS property to change the background color of an element to Hex 82A282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A282 }
```

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

```
.background{ background-color:#82A282 }
```

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