

Converting Colors

Hex(80A281)

Have a look what the booklet for
Hex(80A281) contains.

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Color

Hex(80A281)

Conversions

Conversions Part 1

Format	Color
Hex	80A281
RGB	128, 162, 129
RGB Percent	50%, 64%, 51%
CMY	0.4980, 0.3647, 0.4941
CMYK	0.21, 0.00, 0.20, 0.36
HSL	122°, 15%, 57%
HSV	122°, 21%, 64%
XYZ	25.7849, 32.0148, 25.5894
YIQ	148.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

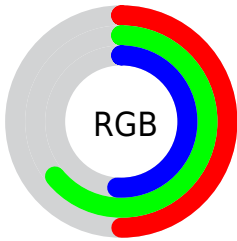
Format	Color
RYB	128, 161, 162
Decimal	8430209
CIELab	63.36, -18.37, 13.40
CIElCh	63, 22.736, 143.900
Yxy	32.0148, 0.3092, 0.3839
Android (android.graphics.Color)	4286620289 (0xFF80A281)
YUV	148.0720, -9.4025, -17.6031
Hunter-Lab	56.5817, -17.6735, 12.7929

Details

The Hex color **80A281** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A280A1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B5D9B6**, and **4E6E50** is the 20% darker color. If you saturate the color by 10%, you get **70A271**, and if you desaturate by 10%, it is **90A291**.

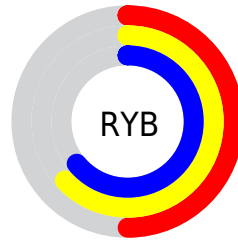
Distribution



Red (50%)

Green (64%)

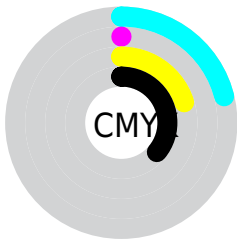
Blue (51%)



Red (50%)

Yellow (63%)

Blue (64%)

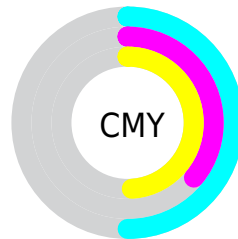


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A281 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 80A281 by changing the saturation by 10% instead.



80A281



80A281

FFFFFF



678868



B5D9B6



4E6E50



D1F5D2



365639



EDFFEE



203E23



0A280E



001400



000000



80A281



80A281



70A271



90A291

 60A262

 A0A2A0

 4FA252

 B1A2B0

 3FA242

 C1A2C0

 2FA232

 D1A2D0

 1FA223

 E1A2DF

 0FA213

 F1A2EF

 00A205

 FFA2FF

Harmonies

Analogous

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



979D74



80A281



6BA594

Triad

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



80A281



7B9CC1



C38C8A

Complementary

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



80A281



A280A1

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.



BF8B9E



80A281



9796BE

Square

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



80A281



65A2B9



B08FB1



BC9079

Rectangle

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



80A281



61A5A2



B08FB1



C38B91

Sweetspot

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



80A281



C7D4C7



A1A280



646B64



EBEBEB



6B6B6B

Same Dimension

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



80A281



9FD4A0



80A292



49524A



009104



001201

Inverse Universe

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



A280A1



D49FD2



A28090



524951



91008D



120011

Previews

White Background



This preview shows how the Hex color 80A281 looks on a white background.

Color Contrast Check

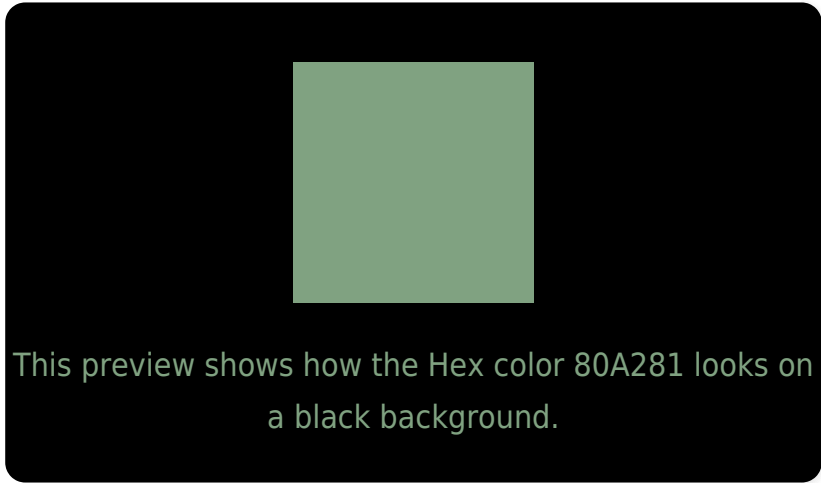
Large Text (above 18pt) WCAG AA × Fail

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

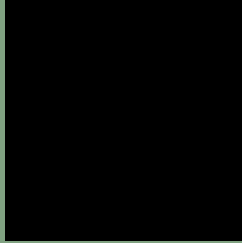
Any Text WCAG AA ✓ Pass

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 80A281 Background



This preview shows how black text looks on a background with the Hex color 80A281.

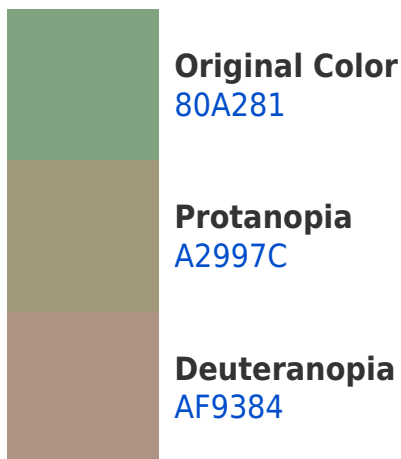


This preview shows how white text looks on a background with the Hex color 80A281.

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
879DA9

Trichromacy



Original Color
80A281

Protanomaly
969C7E

Deuteranomaly
9E9883

Tritanomaly
849F9A

Monochromacy



Original Color
80A281

Achromatopsia
949494

Achromatomaly
8D998D

CSS Examples

Text

The CSS property to change the color of the text to Hex 80A281 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 #80A281 looks like.

```
.text, #text, p{  
    color:#80A281  
}
```

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 #80A281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A281
}
```

Border

The CSS property to change the border of an element to Hex 80A281 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
#80A281 }
```

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

```
.border{ border-color:#80A281 }
```

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

Here you see how a box with a 4 pixel #80A281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A281; -webkit-box-shadow:4px 4px  
4px 4px #80A281; box-shadow:4px 4px 4px  
4px #80A281 }
```

Background

The CSS property to change the background color of an element to Hex 80A281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A281 }
```

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

```
.background{ background-color:#80A281 }
```

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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