

Converting Colors

Hex(63A281)

Have a look what the booklet for
Hex(63A281) contains.

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Color

Hex(63A281)

Conversions

Conversions Part 1

Format	Color
Hex	63A281
RGB	99, 162, 129
RGB Percent	39%, 64%, 51%
CMY	0.6118, 0.3647, 0.4941
CMYK	0.39, 0.00, 0.20, 0.36
HSL	149°, 25%, 51%
HSV	149°, 39%, 64%
XYZ	22.0284, 30.0783, 25.4136
YIQ	139.4010, -26.9550, -23.6190

Conversions

Conversions Part 2

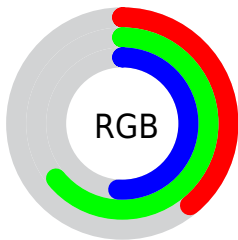
Format	Color
RYB	99, 142, 162
Decimal	6529665
CIELab	61.72, -27.88, 10.86
CIElCh	62, 29.922, 158.712
Yxy	30.0783, 0.2842, 0.3880
Android (android.graphics.Color)	4284719745 (0xFF63A281)
YUV	139.4010, -5.1277, -35.4317
Hunter-Lab	54.8437, -24.2806, 10.9167

Details

The Hex color **63A281** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26384**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **98D9B6**, and **306E50** is the 20% darker color. If you saturate the color by 10%, you get **53A279**, and if you desaturate by 10%, it is **73A289**.

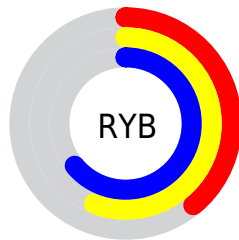
Distribution



Red (39%)

Green (64%)

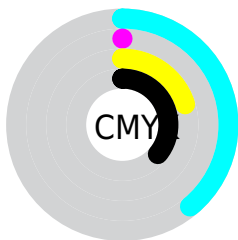
Blue (51%)



Red (39%)

Yellow (56%)

Blue (64%)

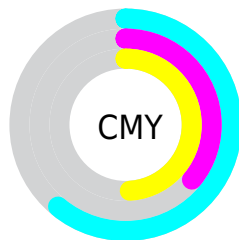


Cyan (39%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (61%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A281 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 63A281 by changing the saturation by 10% instead.



63A281



63A281

FFFFFF



498868



98D9B6



306E50



B4F6D2



145539



D0FFEE



003D23



EDFFFF



00270E



000C00



000000



63A281



63A281



53A279



73A289

■ 43A270

■ 83A292

■ 32A268

■ 94A29A

■ 22A25F

■ A4A2A3

■ 12A257

■ B4A2AB

■ 02A24E

■ C4A2B4

■ 00A24D

■ D4A2BC

■ E5A2C5

■ F5A2CD

Harmonies

Analogous

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



839D6B



63A281



45A49C

Triad

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



63A281



7D95C9



C68575

Complementary

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



63A281



A26384

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.



C9818E



63A281



A38BBE

Square

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



63A281



549DC6



BD84A9



B78D64

Rectangle

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



63A281



39A3AE



BD84A9



C9837D

Sweetspot

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



63A281



BAD4C6



85A263



5C6B63



EBEBEB



6B6B6B

Same Dimension

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



63A281



70D4A0



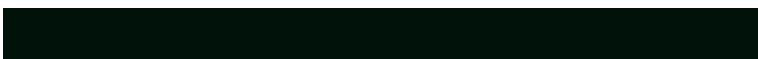
63A2A0



49524D



009145



001209

Inverse Universe

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



A26384



D470A4



A26365



52494E



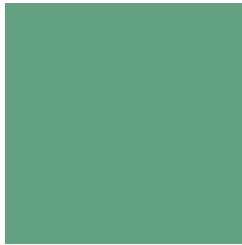
91004C



120009

Previews

White Background



This preview shows how the Hex color 63A281 looks on a white background.

Color Contrast Check

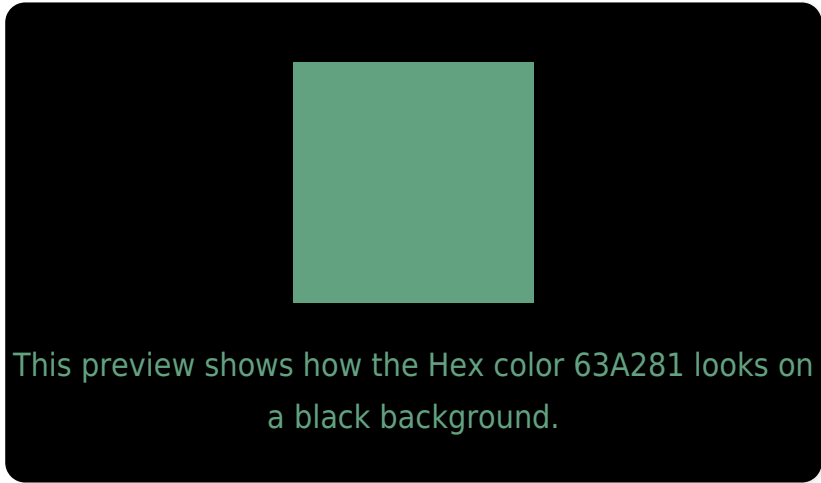
Large Text (above 18pt) WCAG AA × Fail

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

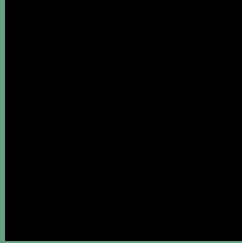
Any Text WCAG AA ✓ Pass

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 63A281 Background



This preview shows how black text looks on a background with the Hex color 63A281.



This preview shows how white text looks on a background with the Hex color 63A281.

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
63A281

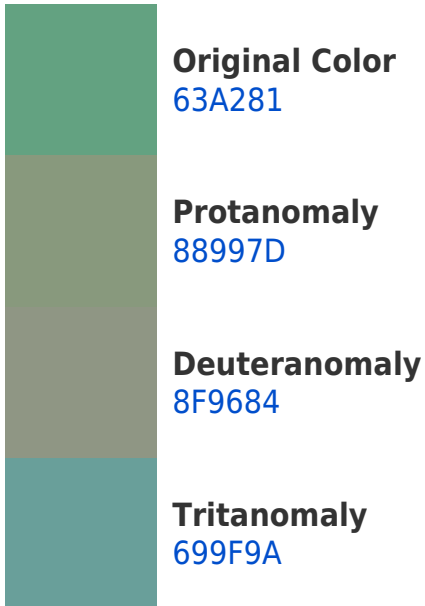
Protanopia
9D947A

Deuteranopia
A88F85



Tritanopia
6C9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A281 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 #63A281 looks like.

```
.text, #text, p{  
    color:#63A281  
}
```

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 #63A281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A281
}
```

Border

The CSS property to change the border of an element to Hex 63A281 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
#63A281 }
```

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

```
.border{ border-color:#63A281 }
```

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

Here you see how a box with a 4 pixel #63A281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A281; -webkit-box-shadow:4px 4px  
4px 4px #63A281; box-shadow:4px 4px 4px  
4px #63A281 }
```

Background

The CSS property to change the background color of an element to Hex 63A281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A281 }
```

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

```
.background{ background-color:#63A281 }
```

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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