

# Converting Colors

Hex(63A271)

Have a look what the booklet for  
Hex(63A271) contains.

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# Color

Hex(63A271)

# Conversions

## Conversions Part 1

Format	Color
Hex	63A271
RGB	99, 162, 113
RGB Percent	39%, 64%, 44%
CMY	0.6118, 0.3647, 0.5569
CMYK	0.39, 0.00, 0.30, 0.36
HSL	133°, 25%, 51%
HSV	133°, 39%, 64%
XYZ	21.0466, 29.6856, 20.2434
YIQ	137.5770, -21.8190, -28.5950

# Conversions

## Conversions Part 2

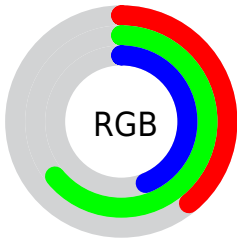
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 151, 162
Decimal	6529649
CIELab	61.38, -31.05, 19.27
CIElCh	61, 36.541, 148.177
Yxy	29.6856, 0.2965, 0.4183
Android (android.graphics.Color)	4284719729 (0xFF63A271)
YUV	137.5770, -12.1165, -33.8320
Hunter-Lab	54.4845, -26.3958, 16.1102

# Details

The Hex color **63A271** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26394**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **98D9A5**, and **2F6E41** is the 20% darker color. If you saturate the color by 10%, you get **53A264**, and if you desaturate by 10%, it is **73A27E**.

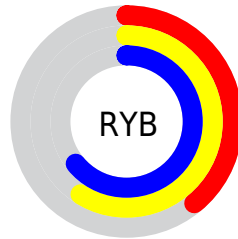
# Distribution



Red (39%)

Green (64%)

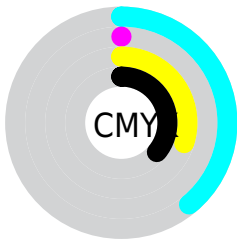
Blue (44%)



Red (39%)

Yellow (59%)

Blue (64%)

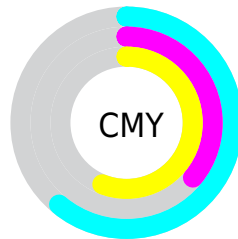


Cyan (39%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (61%)

Magenta (36%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A271 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 63A271 by changing the saturation by 10% instead.



 63A271

 63A271

FFFFFF

 498758

 98D9A5

 2F6E41

 B4F6C0

 13552A

 D0FFDC

 003D15

 EDFFF9

 002700

 000900

 000000

 63A271

 63A271

 53A264

 73A27E

 43A258

 83A28A

 32A24B

 94A297

 22A23F

 A4A2A3

 12A232

 B4A2B0

 02A225

 C4A2BD

 00A224

 D4A2C9

 E5A2D6

 F5A2E2

# Harmonies

## Analogous

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



8A9B5A



63A271



32A591

# Triad

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



63A271



5F98D4



D27D77

# Complementary

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



63A271



A26394

# 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.



CF7B97



63A271



958DCD

# Square

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



63A271



13A0CA



BB81B7



C4865E

# Rectangle

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



63A271



00A5A7



BB81B7



D37B82



# Sweetspot

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



63A271



BAD4C0



94A263



5C6B5F



EBEBEB



6B6B6B



# Same Dimension

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



63A271



70D486



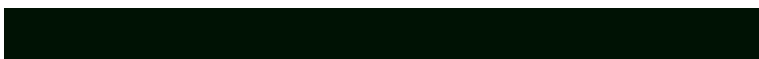
63A290



49524B



009120



001204



# Inverse Universe

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



A26394



D470BE



A26375



524950



910071



12000E



# Previews

## White Background



This preview shows how the Hex color 63A271 looks on a white background.

## Color Contrast Check

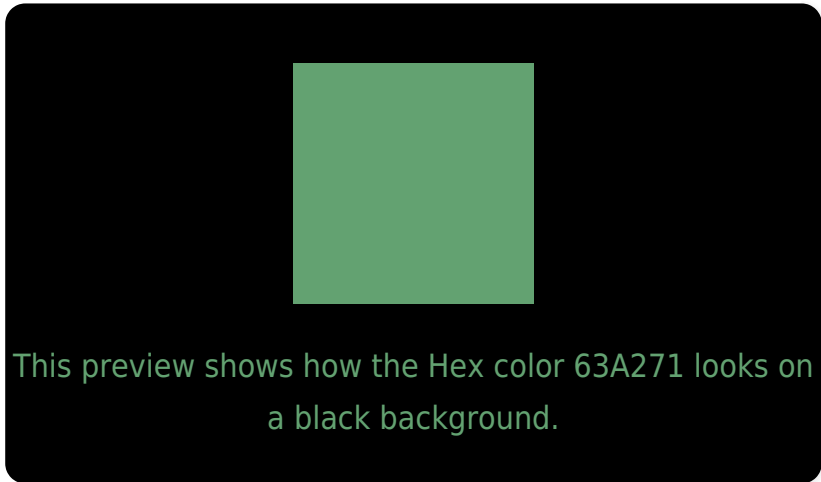
Large Text (above 18pt) WCAG AA ✓ Pass

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

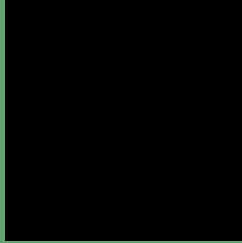
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63A271 Background



This preview shows how black text looks on a background with the Hex color 63A271.

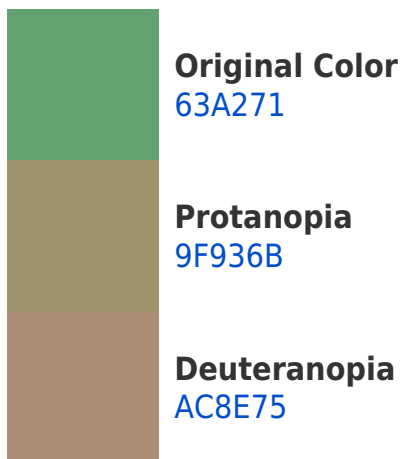



This preview shows how white text looks on a background with the Hex color 63A271.

# 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](#).

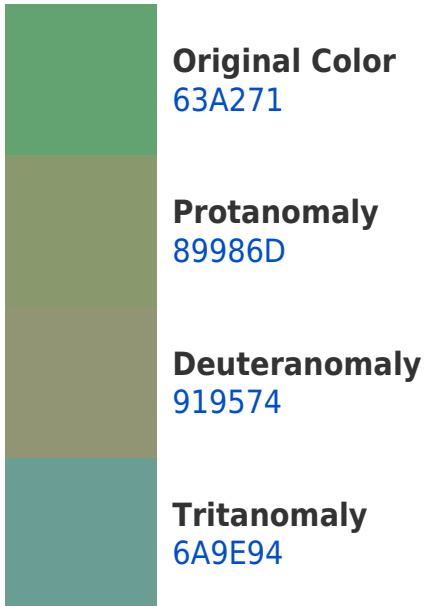
## Dichromacy





**Tritanopia**  
6E9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A271 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 #63A271 looks like.

```
.text, #text, p{  
    color:#63A271  
}
```

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 #63A271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A271
}
```

## Border

The CSS property to change the border of an element to Hex 63A271 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
#63A271 }
```

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

```
.border{ border-color:#63A271 }
```

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

Here you see how a box with a 4 pixel #63A271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A271; -webkit-box-shadow:4px 4px  
4px 4px #63A271; box-shadow:4px 4px 4px  
4px #63A271 }
```

# Background

The CSS property to change the background color of an element to Hex 63A271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A271 }
```

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

```
.background{ background-color:#63A271 }
```

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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