

# Converting Colors

Hex(63A868)

Have a look what the booklet for  
Hex(63A868) contains.

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**Color**

**Hex(63A868)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A868
RGB	99, 168, 104
RGB Percent	39%, 66%, 41%
CMY	0.6118, 0.3412, 0.5922
CMYK	0.41, 0.00, 0.38, 0.34
HSL	124°, 28%, 52%
HSV	124°, 41%, 66%
XYZ	21.6469, 31.6574, 18.0663
YIQ	140.0730, -20.5800, -34.5320

# Conversions

## Conversions Part 2

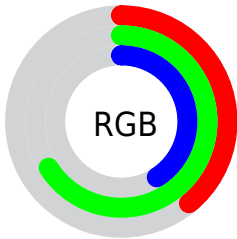
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 163, 168
Decimal	6531176
CIELab	63.06, -35.43, 26.41
CIELCh	63, 44.186, 143.298
Yxy	31.6574, 0.3033, 0.4436
Android (android.graphics.Color)	4284721256 (0xFF63A868)
YUV	140.0730, -17.7840, -36.0210
Hunter-Lab	56.2649, -29.7889, 20.3478

# Details

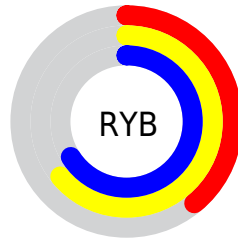
The Hex color **63A868** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A863A3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **99E09C**, and **2E7338** is the 20% darker color. If you saturate the color by 10%, you get **52A858**, and if you desaturate by 10%, it is **74A878**.

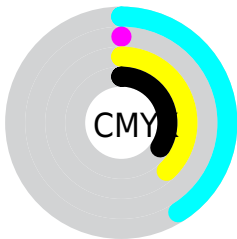
# Distribution



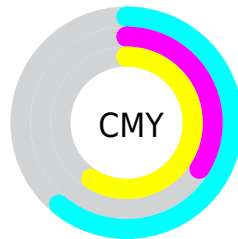
- Red (39%)
- Green (66%)
- Blue (41%)



- Red (39%)
- Yellow (64%)
- Blue (66%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (34%)



- Cyan (61%)
- Magenta (34%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A868 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 63A868 by changing the saturation by 10% instead.





63A868



63A868

FFFFFF



498D4F



99E09C



2E7338



B5FCB7



0F5A21



D1FFD3



00420A



EEFFE7



002B00



001300



000000



63A868



63A868



52A858



74A878

 41A849

 85A887

 31A839

 95A897

 20A82A

 A6A8A6

 0FA81A

 B7A8B6

 00A80C

 C8A8C5

 D9A8D5

 E9A8E5

 FAA8F4

# Harmonies

## Analogous

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



92A04E



63A868



10AC8E

# Triad

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



63A868



3E9FE6



E37A7C

# Complementary

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



63A868



A863A3

# 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.



DD79A3



63A868



8E92E1

# Square

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



63A868



00A8D7



C183C8



D5855B

# Rectangle

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



63A868



00ADA9



C183C8



E37888



# Sweetspot

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



63A868



C1DBC3



A3A863



5E6E5F



EDEDED



6E6E6E



# Same Dimension

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



63A868



70DB78



63A88A



4C544C



00940B



001401



# Inverse Universe

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



A863A3



DB70D4



A86381



544C54



940089



140013



# Previews

## White Background



This preview shows how the Hex color 63A868 looks on a white background.

## Color Contrast Check

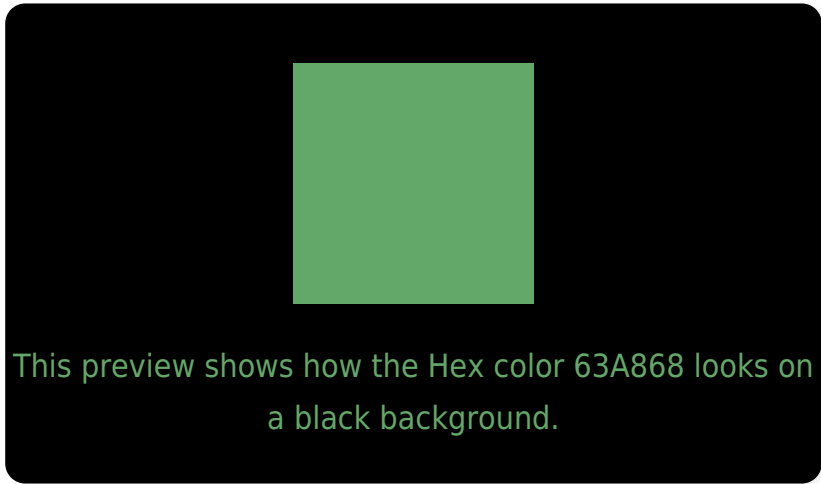
Large Text (above 18pt) WCAG AA × Fail

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 63A868 Background



This preview shows how black text looks on a background with the Hex color 63A868.



This preview shows how white text looks on a background with the Hex color 63A868.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A868 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 #63A868 looks like.

```
.text, #text, p{  
    color:#63A868  
}
```

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 #63A868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A868
}
```

## Border

The CSS property to change the border of an element to Hex 63A868 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
#63A868 }
```

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

```
.border{ border-color:#63A868 }
```

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

Here you see how a box with a 4 pixel #63A868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A868; -webkit-box-shadow:4px 4px  
4px 4px #63A868; box-shadow:4px 4px 4px  
4px #63A868 }
```

# Background

The CSS property to change the background color of an element to Hex 63A868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A868 }
```

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

```
.background{ background-color:#63A868 }
```

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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