

Converting Colors

Hex(63A863)

Have a look what the booklet for
Hex(63A863) contains.

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Color

Hex(63A863)

Conversions

Conversions Part 1

Format	Color
Hex	63A863
RGB	99, 168, 99
RGB Percent	39%, 66%, 39%
CMY	0.6118, 0.3412, 0.6118
CMYK	0.41, 0.00, 0.41, 0.34
HSL	120°, 28%, 52%
HSV	120°, 41%, 66%
XYZ	21.4004, 31.5588, 16.7679
YIQ	139.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

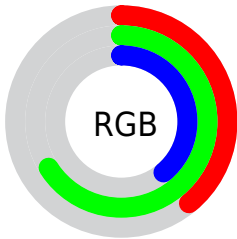
Format	Color
RYB	99, 168, 168
Decimal	6531171
CIELab	62.98, -36.24, 28.96
CIELCh	63, 46.389, 141.364
Yxy	31.5588, 0.3069, 0.4526
Android (android.graphics.Color)	4284721251 (0xFF63A863)
YUV	139.5030, -19.9680, -35.5211
Hunter-Lab	56.1772, -30.3116, 21.6270

Details

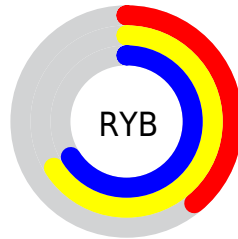
The Hex color **63A863** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A863A8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **99E097**, and **2E7333** is the 20% darker color. If you saturate the color by 10%, you get **52A852**, and if you desaturate by 10%, it is **74A874**.

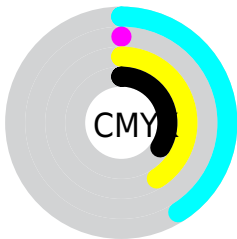
Distribution



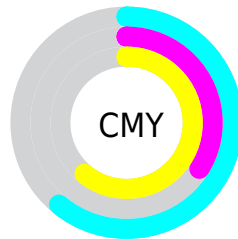
- Red (39%)
- Green (66%)
- Blue (39%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 63A863 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 63A863 by changing the saturation by 10% instead.

 63A863

 63A863

FFFFFF

 498D4A

 99E097

 2E7333

 B5FCB2

 0E5A1C

 D1FFCD

 004204

 EEFFEA

 002B00

 001200

 000000

 63A863

 63A863

 52A852

 74A874

 41A841

 85A885

 31A831

 95A895

 20A820

 A6A8A6

 0FA80F

 B7A8B7

 00A800

 C8A8C8

 D9A8D9

 E9A8E9

 FAA8FA

Harmonies

Analogous

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



949F48



63A863



00AD8B

Triad

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



63A863



26A0EA



E6777D

Complementary

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



63A863



A863A8

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.



DF77A6



63A863



8892E5

Square

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



63A863



00A9D8



C082CC



D88359

Rectangle

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



63A863



00ADA7



C082CC



E6768A

Sweetspot

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



63A863



C1DBC1



A8A863



5E6E5E



EDEDED



6E6E6E

Same Dimension

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



63A863



70DB70



63A885



4C544C



009400



001400

Inverse Universe

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



A863A8



DB70DB



A86385



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 63A863 looks on a white background.

Color Contrast Check

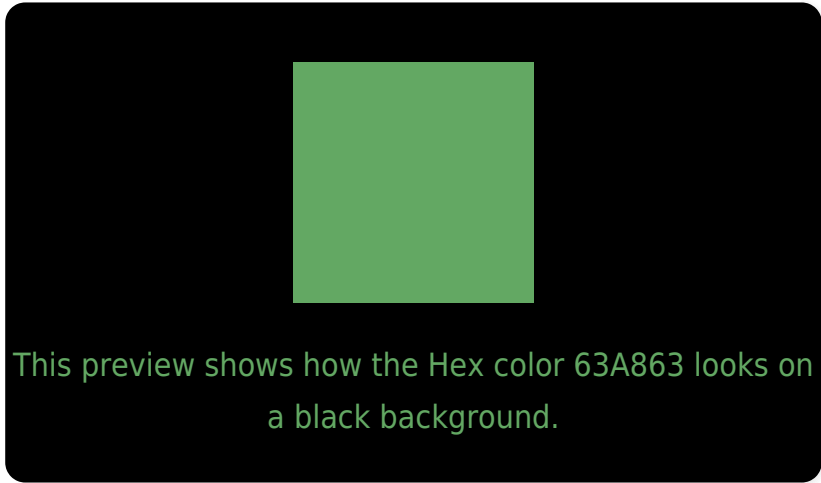
Large Text (above 18pt) WCAG AA × Fail

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

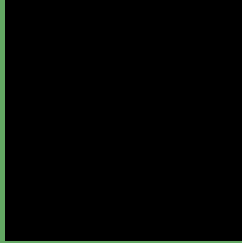
Any Text WCAG AA ✓ Pass

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 63A863 Background



This preview shows how black text looks on a background with the Hex color 63A863.



This preview shows how white text looks on a background with the Hex color 63A863.

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



Original Color
63A863



Protanomaly
8E9E5F



Deuteranomaly
979966



Tritanomaly
6DA291

Monochromacy



Original Color
63A863



Achromatopsia
8C8C8C



Achromatomaly
7D967D

CSS Examples

Text

The CSS property to change the color of the text to Hex 63A863 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 #63A863 looks like.

```
.text, #text, p{  
    color:#63A863  
}
```

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 #63A863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A863
}
```

Border

The CSS property to change the border of an element to Hex 63A863 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
#63A863 }
```

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

```
.border{ border-color:#63A863 }
```

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

Here you see how a box with a 4 pixel #63A863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A863; -webkit-box-shadow:4px 4px  
4px 4px #63A863; box-shadow:4px 4px 4px  
4px #63A863 }
```

Background

The CSS property to change the background color of an element to Hex 63A863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A863 }
```

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

```
.background{ background-color:#63A863 }
```

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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