

# Converting Colors

Hex(60AD63)

Have a look what the booklet for  
Hex(60AD63) contains.

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**Color**

**Hex(60AD63)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 60AD63                       |
| RGB         | 96, 173, 99                  |
| RGB Percent | 38%, 68%, 39%                |
| CMY         | 0.6235, 0.3216, 0.6118       |
| CMYK        | 0.45, 0.00, 0.43, 0.32       |
| HSL         | 122°, 32%, 53%               |
| HSV         | 122°, 45%, 68%               |
| XYZ         | 22.0196, 33.2748, 17.0665    |
| YIQ         | 141.5410, -22.1380, -39.3380 |

# Conversions

## Conversions Part 2

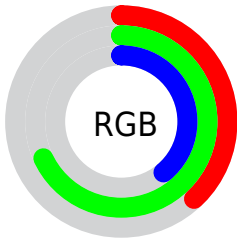
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 96, 170, 173                    |
| Decimal                             | 6335843                         |
| CIELab                              | 64.38, -39.39, 30.76            |
| CIELCh                              | 64, 49.976, 142.018             |
| Yxy                                 | 33.2748, 0.3043,<br>0.4598      |
| Android<br>(android.graphics.Color) | 4284525923<br>(0xFF60AD63)      |
| YUV                                 | 141.5410, -20.9727,<br>-39.9395 |
| Hunter-Lab                          | 57.6843, -32.8095,<br>22.8374   |

# Details

The Hex color **60AD63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD60AA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **96E597**, and **297833** is the 20% darker color. If you saturate the color by 10%, you get **4FAD52**, and if you desaturate by 10%, it is **71AD74**.

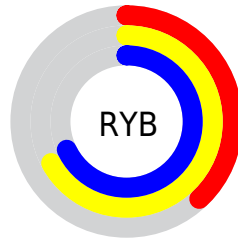
# Distribution



Red (38%)

Green (68%)

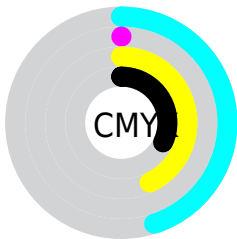
Blue (39%)



Red (38%)

Yellow (67%)

Blue (68%)

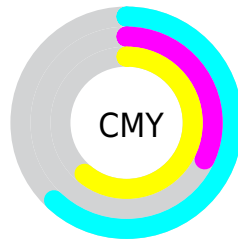


Cyan (45%)

Magenta (0%)

Yellow (43%)

Black (32%)



Cyan (62%)

Magenta (32%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60AD63 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 60AD63 by changing the saturation by 10% instead.



 60AD63

 60AD63

FFFFFF

 45924A

 96E597

 297833

 B2FFB2

 025F1B

 CFFFCD

 004603

 ECFFEA

 002F00

 001800

 000000

 60AD63

 60AD63

 4FAD52

 71AD74

 3DAD42

 83AD84

 2CAD31

 94AD95

 1BAD20

 A5ADA6

 09AD10

 B7ADB6

 00AD07

 C8ADC7

 D9ADD7

 EAADE8

 FCADF9

# Harmonies

## Analogous

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



95A445



60AD63



00B28E

# Triad

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



60AD63



05A4F4



EF787D

# Complementary

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



60AD63



AD60AA

# 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.



E877AA



60AD63



8B95EF

# Square

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



60AD63



00AEE1



C883D4



E08557

# Rectangle

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



60AD63



00B3AD



C883D4



F0768C



# Sweetspot

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



60AD63



C3E0C4



AAAD60



5E705F



F0F0F0



707070



# Same Dimension

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



60AD63



69E06E



60AD89



4E574E



009606



001701



# Inverse Universe

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



AD60AA



E069DC



AD6084



574E56



960091



170016



# Previews

## White Background



This preview shows how the Hex color 60AD63 looks on a white background.

## Color Contrast Check

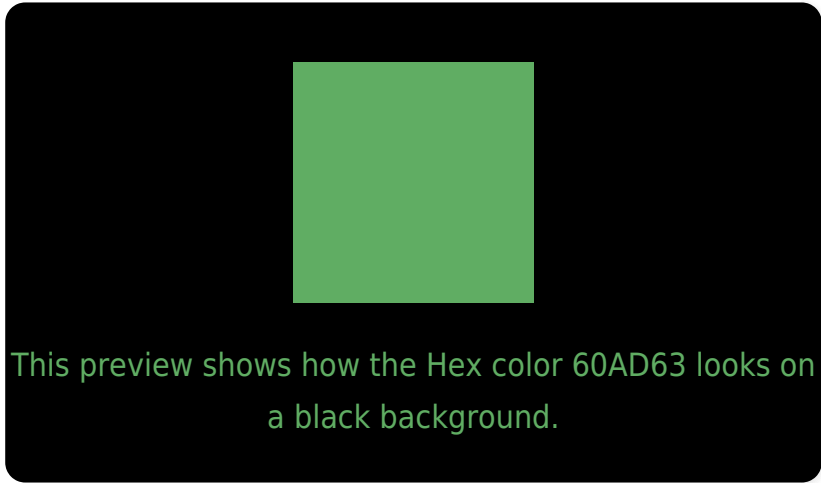
Large Text (above 18pt) WCAG AA × Fail

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

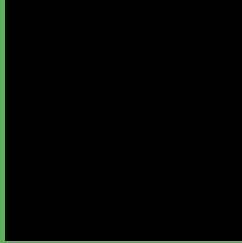
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60AD63 Background



This preview shows how black text looks on a background with the Hex color 60AD63.



This preview shows how white text looks on a background with the Hex color 60AD63.

# 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**  
60AD63

**Protanopia**  
AA9B5C

**Deuteranopia**  
BA9469



**Tritanopia**  
70A4B1

# Trichromacy



**Original Color**  
60AD63



**Protanomaly**  
8FA25F



**Deuteranomaly**  
999D67



**Tritanomaly**  
6AA795

# Monochromacy



**Original Color**  
60AD63



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
7D997E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60AD63 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 #60AD63 looks like.

```
.text, #text, p{  
    color:#60AD63  
}
```

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 #60AD63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AD63
}
```

## Border

The CSS property to change the border of an element to Hex 60AD63 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
#60AD63 }
```

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

```
.border{ border-color:#60AD63 }
```

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

Here you see how a box with a 4 pixel #60AD63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AD63; -webkit-box-shadow:4px 4px  
4px 4px #60AD63; box-shadow:4px 4px 4px  
4px #60AD63 }
```

# Background

The CSS property to change the background color of an element to Hex 60AD63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AD63 }
```

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

```
.background{ background-color:#60AD63 }
```

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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