

Converting Colors

Hex(60AE63)

Have a look what the booklet for
Hex(60AE63) contains.

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Color

Hex(60AE63)

Conversions

Conversions Part 1

Format	Color
Hex	60AE63
RGB	96, 174, 99
RGB Percent	38%, 68%, 39%
CMY	0.6235, 0.3176, 0.6118
CMYK	0.45, 0.00, 0.43, 0.32
HSL	122°, 32%, 53%
HSV	122°, 45%, 68%
XYZ	22.2121, 33.6598, 17.1307
YIQ	142.1280, -22.4130, -39.8610

Conversions

Conversions Part 2

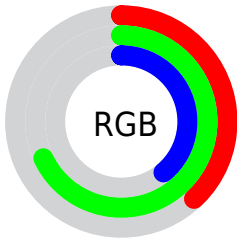
Format	Color
RYB	96, 171, 174
Decimal	6336099
CIELab	64.69, -39.83, 31.15
CIELCh	65, 50.567, 141.969
Yxy	33.6598, 0.3043, 0.4611
Android (android.graphics.Color)	4284526179 (0xFF60AE63)
YUV	142.1280, -21.2621, -40.4543
Hunter-Lab	58.0170, -33.1903, 23.1054

Details

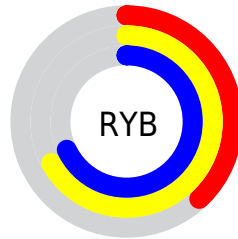
The Hex color **60AE63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE60AB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **97E697**, and **287932** is the 20% darker color. If you saturate the color by 10%, you get **4FAE52**, and if you desaturate by 10%, it is **71AE74**.

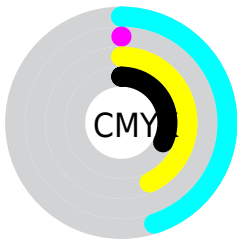
Distribution



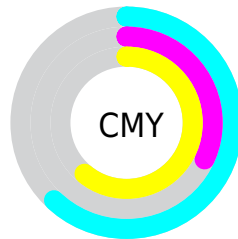
- Red (38%)
- Green (68%)
- Blue (39%)



- 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 60AE63 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 60AE63 by changing the saturation by 10% instead.

 60AE63

 60AE63


FFFFFF

 45934A

 97E697

 287932

 B3FFB2

 015F1B

 CFFFCE

 004702

 ECFFEA

 003000

 001900

 000000

 60AE63

 60AE63

 4FAE52

 71AE74

 3DAE42

 83AE84

 2CAE31

 94AE95

 1AAE20

 A6AEA6

 09AE0F

 B7AEB7

 00AE07

 C8AEC7

 DAAED8

 EBAEE9

 FDAEFA

Harmonies

Analogous

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



96A445



60AE63



00B38F

Triad

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



60AE63



00A5F6



F1787E

Complementary

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



60AE63



AE60AB

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.



EA77AB



60AE63



8C96F1

Square

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



60AE63



00AFE3



C984D5



E28557

Rectangle

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



60AE63



00B4AE



C984D5



F1768C

Sweetspot

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



60AE63



C5E3C7



ABAE60



607361



F2F2F2



737373

Same Dimension

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



60AE63



68E36D



60AE8A



4E574E



009606



001701

Inverse Universe

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



AE60AB



E368DE



AE6084



574E56



960091



170016

Previews

White Background



This preview shows how the Hex color 60AE63 looks on a white background.

Color Contrast Check

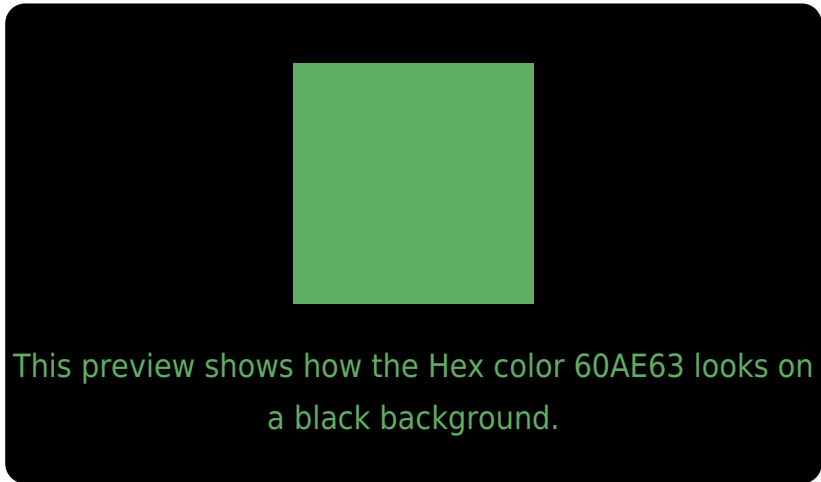
Large Text (above 18pt) WCAG AA × Fail

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

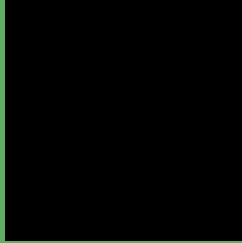
Any Text WCAG AA ✓ Pass

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 60AE63 Background



This preview shows how black text looks on a background with the Hex color 60AE63.

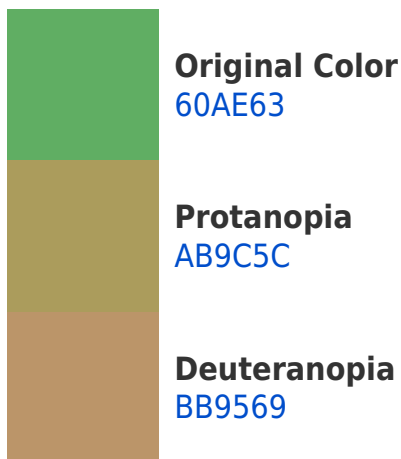


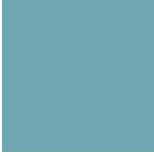
This preview shows how white text looks on a background with the Hex color 60AE63.

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](#).

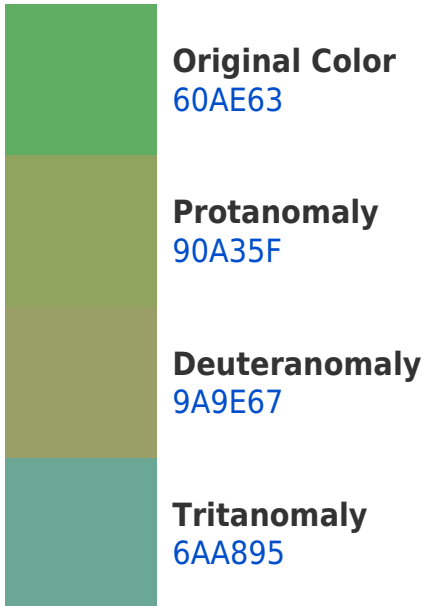
Dichromacy



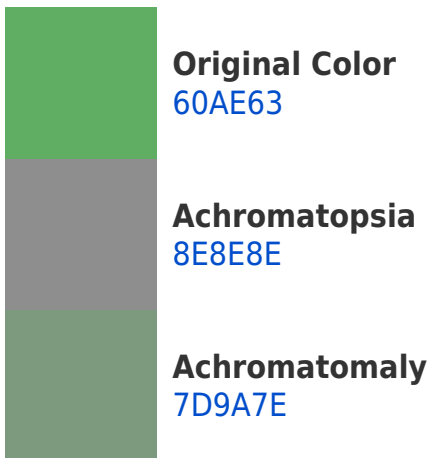


Tritanopia
70A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60AE63 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 #60AE63 looks like.

```
.text, #text, p{  
    color:#60AE63  
}
```

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 #60AE63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AE63
}
```

Border

The CSS property to change the border of an element to Hex 60AE63 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
#60AE63 }
```

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

```
.border{ border-color:#60AE63 }
```

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

Here you see how a box with a 4 pixel #60AE63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AE63; -webkit-box-shadow:4px 4px  
4px 4px #60AE63; box-shadow:4px 4px 4px  
4px #60AE63 }
```

Background

The CSS property to change the background color of an element to Hex 60AE63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AE63 }
```

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

```
.background{ background-color:#60AE63 }
```

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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