

Converting Colors

Hex(61AA70)

Have a look what the booklet for
Hex(61AA70) contains.

Hex(61AA70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61AA70)

Conversions

Conversions Part 1

Format	Color
Hex	61AA70
RGB	97, 170, 112
RGB Percent	38%, 67%, 44%
CMY	0.6196, 0.3333, 0.5608
CMYK	0.43, 0.00, 0.34, 0.33
HSL	132°, 30%, 52%
HSV	132°, 43%, 67%
XYZ	22.2291, 32.4607, 20.4232
YIQ	141.5610, -24.8900, -33.5140

Conversions

Conversions Part 2

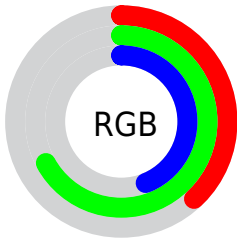
Format	Color
RYB	97, 158, 170
Decimal	6400624
CIELab	63.72, -35.57, 22.97
CIELCh	64, 42.341, 147.153
Yxy	32.4607, 0.2959, 0.4322
Android (android.graphics.Color)	4284590704 (0xFF61AA70)
YUV	141.5610, -14.5736, -39.0800
Hunter-Lab	56.9743, -30.0613, 18.6287

Details

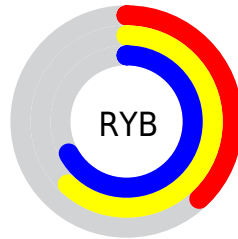
The Hex color **61AA70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA619B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **97E2A4**, and **2B753F** is the 20% darker color. If you saturate the color by 10%, you get **50AA62**, and if you desaturate by 10%, it is **72AA7E**.

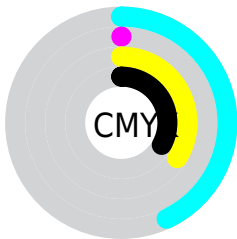
Distribution



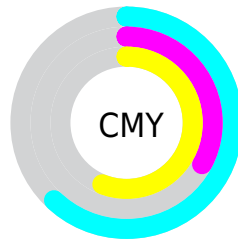
- Red (38%)
- Green (67%)
- Blue (44%)



- Red (38%)
- Yellow (62%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61AA70 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 61AA70 by changing the saturation by 10% instead.

 61AA70

 61AA70

FFFFFF

 478F57

 97E2A4

 2B753F

 B3FFBF

 0A5C29

 CFFFDB

 004413

 ECFFF8

 002D00

 001500

 000000

 61AA70

 61AA70

 50AA62

 72AA7E

 3FAA55

 83AA8B

 2EAA47

 94AA99

 1DAA3A

 A5AAA6

 0CAA2C

 B6AAB4

 00AA23

 C7AAC1

 D8AACF

 E9AADC

 FAAAEA

Harmonies

Analogous

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



8FA255



61AA70



14AE95

Triad

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



61AA70



549FE5



E17E7A

Complementary

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



61AA70



AA619B

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.



DE7CA0



61AA70



9892DD

Square

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



61AA70



00A9D9



C684C4



D2895C

Rectangle

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



61AA70



00AEAF



C684C4



E37C86

Sweetspot

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



61AA70



C1DEC7



9BAA61



5E7062



F0F0F0



707070

Same Dimension

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



61AA70



6ADE82



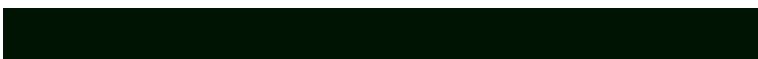
61AA94



4C544D



00941E



001404

Inverse Universe

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



AA619B



DE6AC6



AA6177



544C52



940076



140010

Previews

White Background



This preview shows how the Hex color 61AA70 looks on a white background.

Color Contrast Check

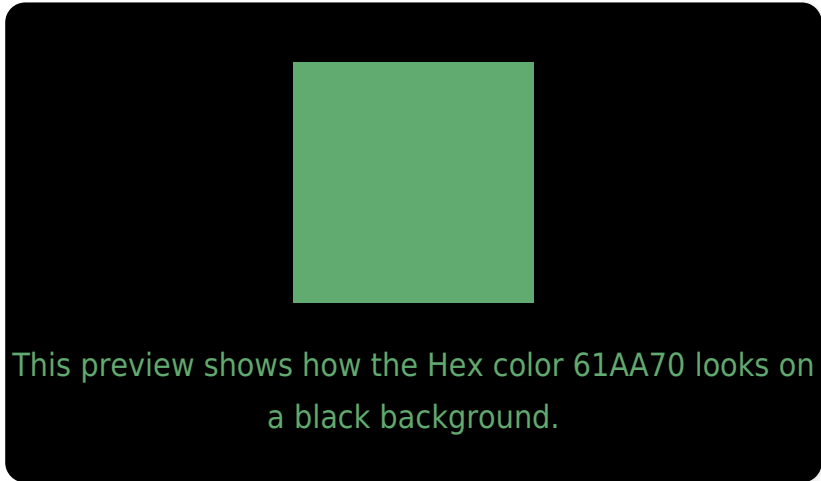
Large Text (above 18pt) WCAG AA × Fail

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 61AA70 Background



This preview shows how black text looks on a background with the Hex color 61AA70.



This preview shows how white text looks on a background with the Hex color 61AA70.

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](#).

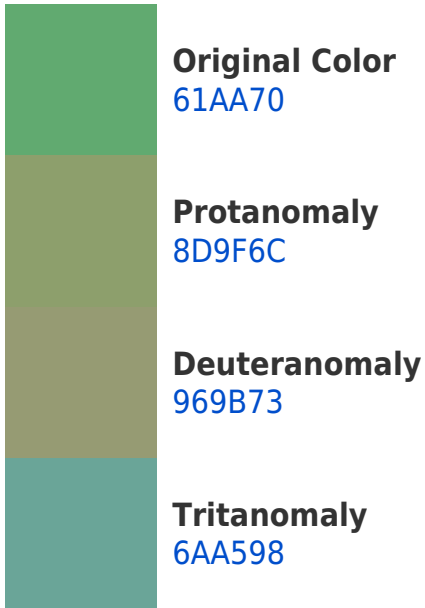
Dichromacy





Tritanopia
6FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61AA70 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 #61AA70 looks like.

```
.text, #text, p{  
    color:#61AA70  
}
```

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 #61AA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61AA70
}
```

Border

The CSS property to change the border of an element to Hex 61AA70 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
#61AA70 }
```

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

```
.border{ border-color:#61AA70 }
```

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

Here you see how a box with a 4 pixel #61AA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61AA70; -webkit-box-shadow:4px 4px  
4px 4px #61AA70; box-shadow:4px 4px 4px  
4px #61AA70 }
```

Background

The CSS property to change the background color of an element to Hex 61AA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61AA70 }
```

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

```
.background{ background-color:#61AA70 }
```

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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