

Converting Colors

Hex(61A95D)

Have a look what the booklet for
Hex(61A95D) contains.

Hex(61A95D)	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(61A95D)

Conversions

Conversions Part 1

Format	Color
Hex	61A95D
RGB	97, 169, 93
RGB Percent	38%, 66%, 36%
CMY	0.6196, 0.3373, 0.6353
CMYK	0.43, 0.00, 0.45, 0.34
HSL	117°, 31%, 51%
HSV	117°, 45%, 66%
XYZ	21.0935, 31.7076, 15.3644
YIQ	138.8080, -18.5160, -38.9000

Conversions

Conversions Part 2

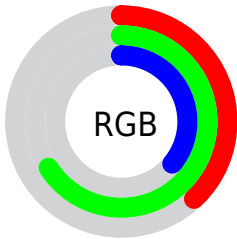
Format	Color
RYB	93, 169, 165
Decimal	6400349
CIELab	63.10, -38.23, 32.26
CIElCh	63, 50.021, 139.845
Yxy	31.7076, 0.3094, 0.4652
Android (android.graphics.Color)	4284590429 (0xFF61A95D)
YUV	138.8080, -22.5833, -36.6656
Hunter-Lab	56.3095, -31.6757, 23.2391

Details

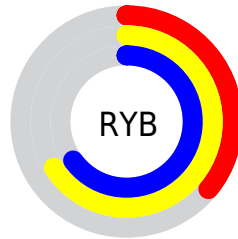
The Hex color **61A95D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A55DA9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **97E190**, and **2B742D** is the 20% darker color. If you saturate the color by 10%, you get **51A94C**, and if you desaturate by 10%, it is **71A96E**.

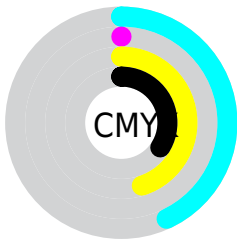
Distribution



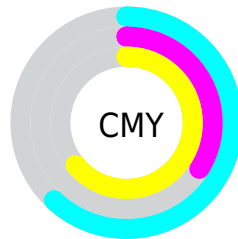
- Red (38%)
- Green (66%)
- Blue (36%)



- Red (36%)
- Yellow (66%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (45%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A95D 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 61A95D by changing the saturation by 10% instead.

 61A95D

 61A95D

FFFFFF

 468E44

 97E190

 2B742D

 B3FEAB

 075B15

 CFFFC7

 004300

 ECFFE3

 002C00

 001300

 000000


 61A95D

 61A95D

 51A94C

 71A96E

 41A93B


 81A97F

 31A92A

 91A990

 21A919

 A1A9A1

 11A909

 B1A9B1

 09A900

 C1A9C2

 D1A9D3

 E1A9E4

 F1A9F5

Harmonies

Analogous

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



959F41



61A95D



00AE88

Triad

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



61A95D



00A2F0



EC747D

Complementary

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



61A95D



A55DA9

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.



E374AA



61A95D



8293EC

Square

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



61A95D



00ABDC



C181D3



DE8056

Rectangle

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



61A95D



00AFA6



C181D3



EC728C

Sweetspot

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



61A95D



C0DBBF



A9A45D



5D6E5C



EDEDED



6E6E6E

Same Dimension

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



61A95D



6BDB65



5DA97E



4C544C



089400



011400

Inverse Universe

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



A55DA9



D565DB



A95D88



544C54



8C0094



130014

Previews

White Background



This preview shows how the Hex color 61A95D looks on a white background.

Color Contrast Check

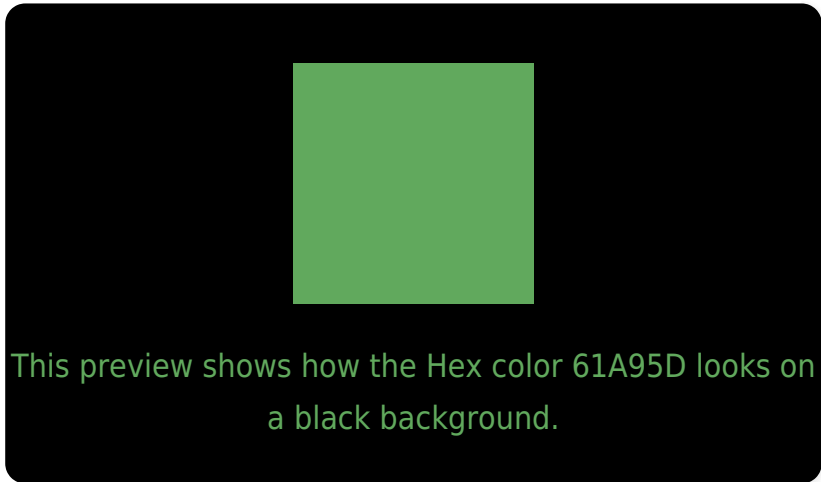
Large Text (above 18pt) WCAG AA × Fail

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

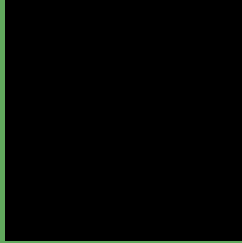
Any Text WCAG AA ✓ Pass

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 61A95D Background



This preview shows how black text looks on a background with the Hex color 61A95D.

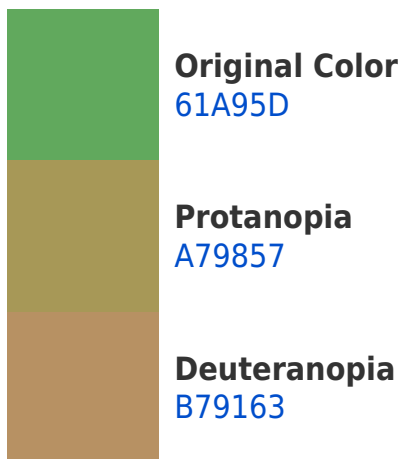


This preview shows how white text looks on a background with the Hex color 61A95D.

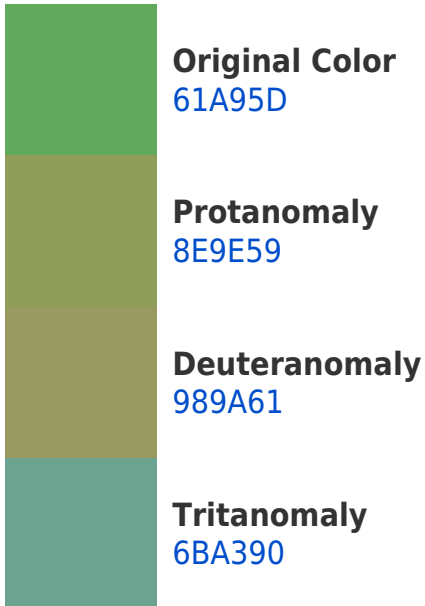
Color Blindness Simulation

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](#).

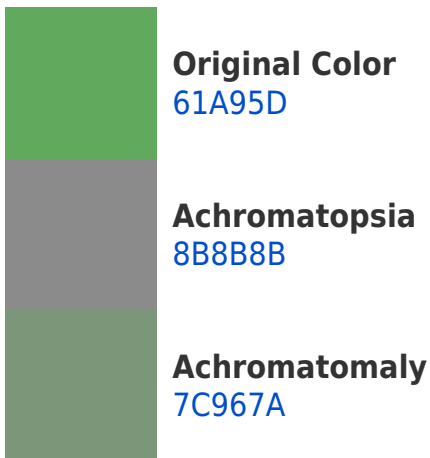
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61A95D 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 #61A95D looks like.

```
.text, #text, p{  
    color:#61A95D  
}
```

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 #61A95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A95D  
}
```

Border

The CSS property to change the border of an element to Hex 61A95D 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  
#61A95D }
```

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

```
.border{ border-color:#61A95D }
```

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

Here you see how a box with a 4 pixel #61A95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A95D; -webkit-box-shadow:4px 4px  
4px 4px #61A95D; box-shadow:4px 4px 4px  
4px #61A95D }
```

Background

The CSS property to change the background color of an element to Hex 61A95D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A95D }
```

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

```
.background{ background-color:#61A95D }
```

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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