

Converting Colors

Hex(61A151)

Have a look what the booklet for
Hex(61A151) contains.

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Color

Hex(61A151)

Conversions

Conversions Part 1

Format	Color
Hex	61A151
RGB	97, 161, 81
RGB Percent	38%, 63%, 32%
CMY	0.6196, 0.3686, 0.6824
CMYK	0.40, 0.00, 0.50, 0.37
HSL	108°, 33%, 47%
HSV	108°, 50%, 63%
XYZ	19.1598, 28.6252, 12.3000
YIQ	132.7440, -12.4640, -38.4480

Conversions

Conversions Part 2

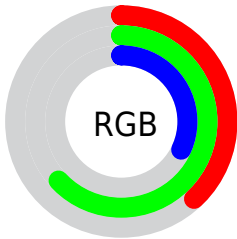
Format	Color
R_{YB}	81, 161, 145
Decimal	6398289
CIE _{Lab}	60.45, -36.35, 35.13
CIE _{LCh}	60, 50.551, 135.982
Yxy	28.6252, 0.3189, 0.4764
Android (android.graphics.Color)	4284588369 (0xFF61A151)
YUV	132.7440, -25.5098, -31.3475
Hunter-Lab	53.5025, -29.7066, 23.8213

Details

The Hex color **61A151** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9151A1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **97D884**, and **2C6D21** is the 20% darker color. If you saturate the color by 10%, you get **54A141**, and if you desaturate by 10%, it is **6EA161**.

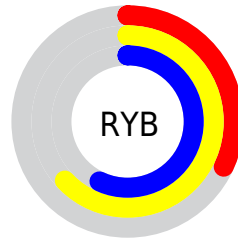
Distribution



Red (38%)

Green (63%)

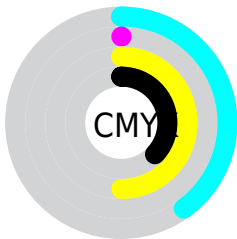
Blue (32%)



Red (32%)

Yellow (63%)

Blue (57%)

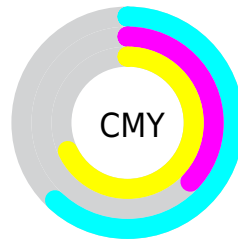


Cyan (40%)

Magenta (0%)

Yellow (50%)

Black (37%)



Cyan (62%)

Magenta (37%)


Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A151 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 61A151 by changing the saturation by 10% instead.

 61A151

 61A151

FFFFFF

 478639

 97D884

 2C6D21

 B3F59F

 0C5406

 CFFFBA

 003C00

 ECFFD6

 002700

 FFFFF3

 000300

 000000

 61A151

 61A151

 54A141

 6EA161

■ 47A131

■ 7BA171

■ 3AA121

■ 88A181

■ 2DA111

■ 95A191

■ 21A100

■ A1A1A2

■ 20A100

■ AEA1B2

■ BBA1C2

■ C8A1D2

■ D5A1E2

Harmonies

Analogous

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



949737



61A151



00A77B

Triad

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



61A151



009DE8



E56B7C

Complementary

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



61A151



9151A1

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.



D96DA9



61A151



6F8EE8

Square

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



61A151



00A5D1



B37CD0



D97753

Rectangle

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



61A151



00A89A



B37CD0



E46A8B

Sweetspot

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



61A151



B8D1B2



A19151



596956



E8E8E8



696969

Same Dimension

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



61A151



6DD154



51A169



4B5249



1D9100



041200

Inverse Universe

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



9151A1



B854D1



A15189



504952



740091



0E0012

Previews

White Background



This preview shows how the Hex color 61A151 looks on a white background.

Color Contrast Check

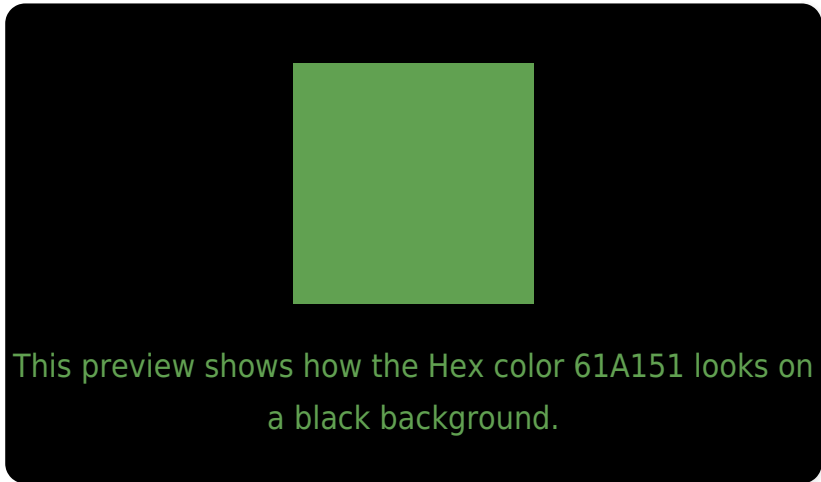
Large Text (above 18pt) WCAG AA ✓ Pass

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

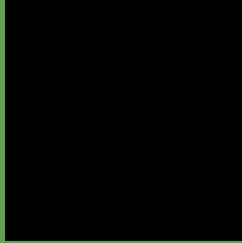
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 61A151 Background



This preview shows how black text looks on a background with the Hex color 61A151.

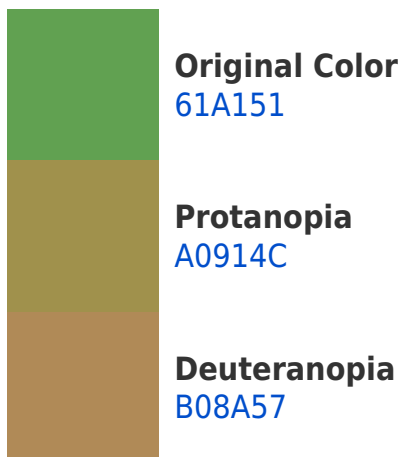


This preview shows how white text looks on a background with the Hex color 61A151.

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
7098A4

Trichromacy



Original Color
61A151



Protanomaly
89974E



Deuteranomaly
939255



Tritanomaly
6B9B86

Monochromacy



Original Color
61A151



Achromatopsia
858585



Achromatomaly
788F72

CSS Examples

Text

The CSS property to change the color of the text to Hex 61A151 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 #61A151 looks like.

```
.text, #text, p{  
    color:#61A151  
}
```

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 #61A151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A151
}
```

Border

The CSS property to change the border of an element to Hex 61A151 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
#61A151 }
```

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

```
.border{ border-color:#61A151 }
```

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

Here you see how a box with a 4 pixel #61A151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A151; -webkit-box-shadow:4px 4px  
4px 4px #61A151; box-shadow:4px 4px 4px  
4px #61A151 }
```

Background

The CSS property to change the background color of an element to Hex 61A151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A151 }
```

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

```
.background{ background-color:#61A151 }
```

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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