

Converting Colors

Hex(62AE51)

Have a look what the booklet for
Hex(62AE51) contains.

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Color

Hex(62AE51)

Conversions

Conversions Part 1

Format	Color
Hex	62AE51
RGB	98, 174, 81
RGB Percent	38%, 68%, 32%
CMY	0.6157, 0.3176, 0.6824
CMYK	0.44, 0.00, 0.53, 0.32
HSL	109°, 36%, 50%
HSV	109°, 53%, 68%
XYZ	21.6583, 33.4629, 13.1020
YIQ	140.6740, -15.4430, -45.0350

Conversions

Conversions Part 2

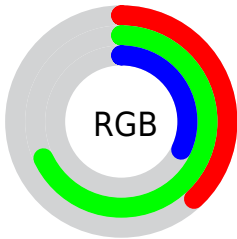
Format	Color
RYB	81, 174, 157
Decimal	6467153
CIELab	64.53, -41.73, 40.11
CIELCh	65, 57.884, 136.134
Yxy	33.4629, 0.3175, 0.4905
Android (android.graphics.Color)	4284657233 (0xFF62AE51)
YUV	140.6740, -29.4193, -37.4251
Hunter-Lab	57.8471, -34.4011, 27.0641

Details

The Hex color **62AE51** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9D51AE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **99E685**, and **2A791F** is the 20% darker color. If you saturate the color by 10%, you get **54AE40**, and if you desaturate by 10%, it is **70AE62**.

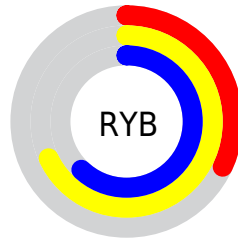
Distribution



Red (38%)

Green (68%)

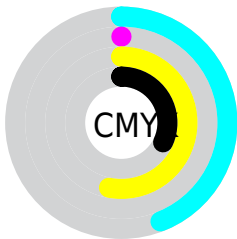
Blue (32%)



Red (32%)

Yellow (68%)

Blue (62%)

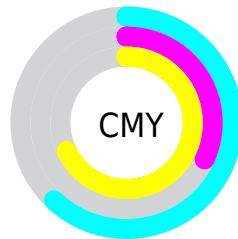


Cyan (44%)

Magenta (0%)

Yellow (53%)

Black (32%)



Cyan (62%)

Magenta (32%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62AE51 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 62AE51 by changing the saturation by 10% instead.

 62AE51

 62AE51

FFFFFF

 479338

 99E685

 2A791F

 B5FF9F

 015F01

 D2FFBB

 004700

 EFFFFD7

 003000

 FFFFFF4

 001800

 000000

 62AE51

 62AE51

 54AE40

 70AE62

 46AE2E

 7EAE74

 37AE1D

 8DAE85

 29AE0B

 9BAE97

 20AE00

 A9AEA8

 B7AEB9

 C6AECB

 D4AEDC

 E2AEED

Harmonies

Analogous

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



9EA230



62AE51



00B482

Triad

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



62AE51



00A9FF



FC6E83

Complementary

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



62AE51



9D51AE

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.



EF71B7



62AE51



7298FF

Square

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



62AE51



00B2E6



C383E5



EE7D54

Rectangle

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



62AE51



00B6A6



C383E5



FA6D94

Sweetspot

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



62AE51



C5E3BF



AE9D51



61735D



F2F2F2



737373

Same Dimension

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



62AE51



6CE352



51AE6E



50574E



1C9600



041700

Inverse Universe

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



9D51AE



C852E3



AE5191



554E57



7B0096



130017

Previews

White Background



This preview shows how the Hex color 62AE51 looks on a white background.

Color Contrast Check

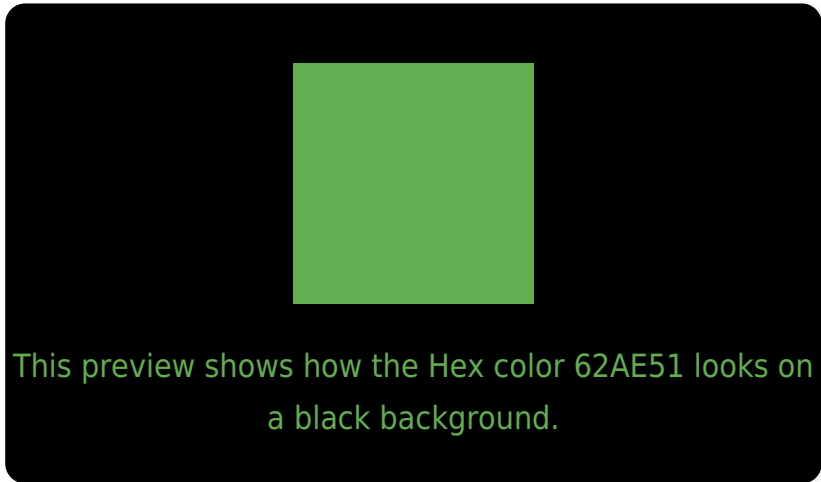
Large Text (above 18pt) WCAG AA × Fail

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 62AE51 Background



This preview shows how black text looks on a background with the Hex color 62AE51.

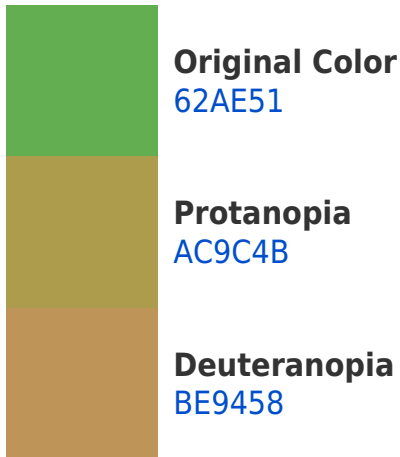


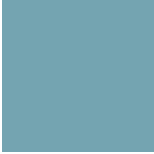
This preview shows how white text looks on a background with the Hex color 62AE51.

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
74A4B1

Trichromacy



Original Color
62AE51



Protanomaly
91A34D



Deuteranomaly
9D9D55



Tritanomaly
6DA88E

Monochromacy



Original Color
62AE51



Achromatopsia
8D8D8D



Achromatomaly
7D9977

CSS Examples

Text

The CSS property to change the color of the text to Hex 62AE51 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 #62AE51 looks like.

```
.text, #text, p{  
    color:#62AE51  
}
```

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 #62AE51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AE51
}
```

Border

The CSS property to change the border of an element to Hex 62AE51 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
#62AE51 }
```

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

```
.border{ border-color:#62AE51 }
```

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

Here you see how a box with a 4 pixel #62AE51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AE51; -webkit-box-shadow:4px 4px  
4px 4px #62AE51; box-shadow:4px 4px 4px  
4px #62AE51 }
```

Background

The CSS property to change the background color of an element to Hex 62AE51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AE51 }
```

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

```
.background{ background-color:#62AE51 }
```

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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