

# Converting Colors

Hex(62AD79)

Have a look what the booklet for  
Hex(62AD79) contains.

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# **Color**

**Hex(62AD79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62AD79
RGB	98, 173, 121
RGB Percent	38%, 68%, 47%
CMY	0.6157, 0.3216, 0.5255
CMYK	0.43, 0.00, 0.30, 0.32
HSL	138°, 31%, 53%
HSV	138°, 43%, 68%
XYZ	23.4318, 33.8643, 23.3906
YIQ	144.6470, -28.0080, -32.0720

# Conversions

## Conversions Part 2

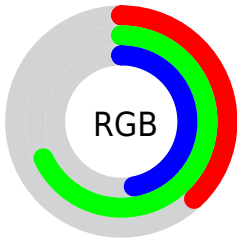
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 155, 173
Decimal	6466937
CIELab	64.85, -35.00, 19.62
CIELCh	65, 40.122, 150.720
Yxy	33.8643, 0.2904, 0.4197
Android (android.graphics.Color)	4284657017 (0xFF62AD79)
YUV	144.6470, -11.6580, -40.9094
Hunter-Lab	58.1930, -29.9637, 16.9036

# Details

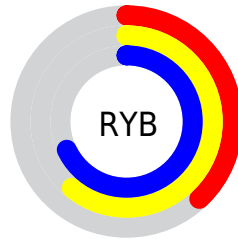
The Hex color **62AD79** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD6296**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **98E5AE**, and **2C7848** is the 20% darker color. If you saturate the color by 10%, you get **51AD6D**, and if you desaturate by 10%, it is **73AD85**.

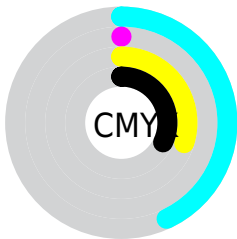
# Distribution



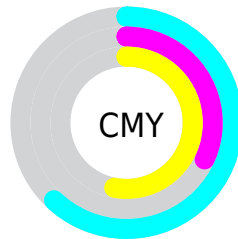
- Red (38%)
- Green (68%)
- Blue (47%)



- Red (38%)
- Yellow (61%)
- Blue (68%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)



- Cyan (62%)
- Magenta (32%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62AD79 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 62AD79 by changing the saturation by 10% instead.



 62AD79

 62AD79

FFFFFF

 479260

 98E5AE

 2C7848

 B4FFC9

 0A5F31

 D0FFE5

 00461B

 EDFFFF

 002F03

 001A00

 000000

 62AD79

 62AD79

 51AD6D

 73AD85

 3FAD61

 85AD91

 2EAD55

 96AD9D

 1DAD49

 A7ADA9

 0BAD3D

 B9ADB5

 00AD35

 CAADC1

 DBADCD

 ECADD9

 FEADE5

# Harmonies

## Analogous

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



8EA65E



62AD79



22B09D

# Triad

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



62AD79



67A1E5



E1847B

# Complementary

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



62AD79



AD6296

# 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.



E0819E



62AD79



A294DB

# Square

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



62AD79



00AADB



CB87C1



D08F60

# Rectangle

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



62AD79



00B0B6



CB87C1



E28286



# Sweetspot

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



62AD79



C3E0CC



97AD62



5E7064



F0F0F0



707070



# Same Dimension

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



62AD79



6CE08F



62AD9E



4E5751



00962E



001707



# Inverse Universe

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



AD6296



E06CBD



AD6271



574E54



960068



170010



# Previews

## White Background



This preview shows how the Hex color 62AD79 looks on a white background.

## Color Contrast Check

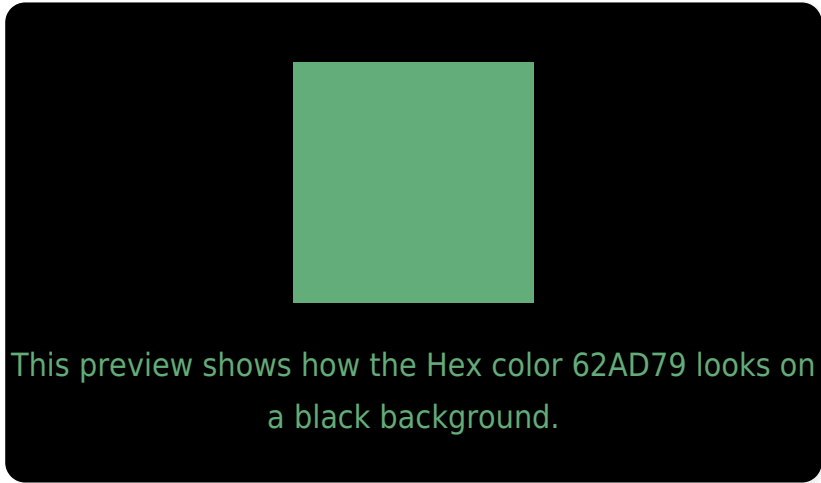
Large Text (above 18pt) WCAG AA × Fail

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

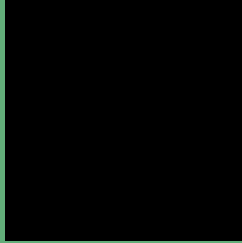
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62AD79 Background



This preview shows how black text looks on a background with the Hex color 62AD79.

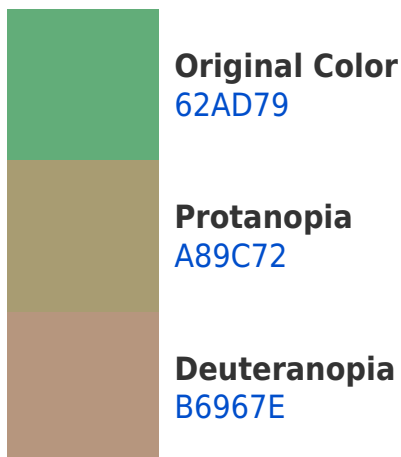


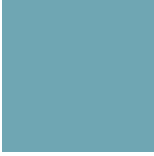
This preview shows how white text looks on a background with the Hex color 62AD79.

# 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](#).

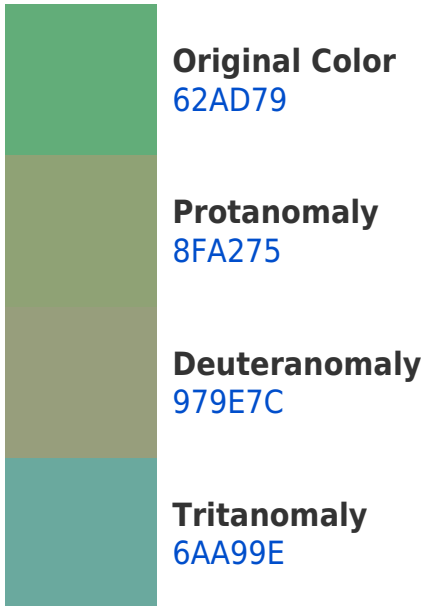
## Dichromacy





**Tritanopia**  
6FA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62AD79 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 #62AD79 looks like.

```
.text, #text, p{  
    color:#62AD79  
}
```

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 #62AD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AD79
}
```

## Border

The CSS property to change the border of an element to Hex 62AD79 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
#62AD79 }
```

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

```
.border{ border-color:#62AD79 }
```

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

Here you see how a box with a 4 pixel #62AD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AD79; -webkit-box-shadow:4px 4px  
4px 4px #62AD79; box-shadow:4px 4px 4px  
4px #62AD79 }
```

# Background

The CSS property to change the background color of an element to Hex 62AD79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AD79 }
```

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

```
.background{ background-color:#62AD79 }
```

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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