

# Converting Colors

Decimal(8499061)

Have a look what the booklet for  
Decimal(8499061) contains.

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# **Color**

**Decimal(8499061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81AF75
RGB	129, 175, 117
RGB Percent	51%, 69%, 46%
CMY	0.4941, 0.3137, 0.5412
CMYK	0.26, 0.00, 0.33, 0.31
HSL	108°, 27%, 57%
HSV	108°, 33%, 69%
XYZ	27.5941, 36.6114, 22.4420
YIQ	154.6340, -8.7980, -27.7900

# Conversions

## Conversions Part 2

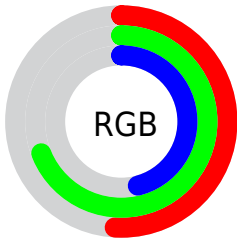
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 175, 163
Decimal	8499061
CIELab	66.98, -26.61, 24.94
CIELCh	67, 36.471, 136.864
Yxy	36.6114, 0.3185, 0.4225
Android (android.graphics.Color)	4286689141 (0xFF81AF75)
YUV	154.6340, -18.5536, -22.4810
Hunter-Lab	60.5074, -24.4838, 20.3647

# Details

The Decimal color **8499061** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10712495**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **12052394**, and **5143108** is the 20% darker color. If you saturate the color by 10%, you get **7581539**, and if you desaturate by 10%, it is **9416583**.

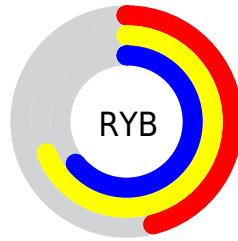
# Distribution



Red (51%)

Green (69%)

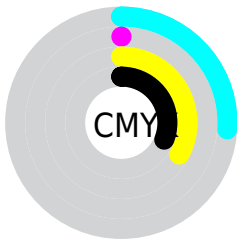
Blue (46%)



Red (46%)

Yellow (69%)

Blue (64%)

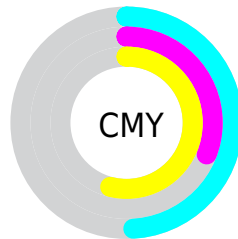


Cyan (26%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8499061 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 Decimal color 8499061 by changing the saturation by 10% instead.





8499061



8499061

16777215



6788188



12052394



5143108



13893573



3498285



15794145



1919255

16777214



274944



7936



0



8499061



8499061



7581539



9416583

■ 6664018

■ 10334104

■ 5746497

■ 11251626

■ 4828975

■ 12169147

■ 3976990

■ 13021133

■ 3059468

■ 13938654

■ 2404096

■ 14856176

■ 15773695

■ 16691199

# Harmonies

## Analogous

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



10921827



8499061



5747859

# Triad

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



8499061



5942242



14912146

# Complementary

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



8499061



10712495

# 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.



14322611



8499061



9609442

# Square

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



8499061



2077394



12489936



14389621

# Rectangle

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



8499061



3650986



12489936



14846365



# Sweetspot

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



8499061



13755340



11510389



6845285



15921906



7566195



# Same Dimension

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



8499061



10216328



7712645



5265230



2070016



333568



# Inverse Universe

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



10712495



13666531



11498911



5590615



7798934



1179671



# Previews

## White Background



This preview shows how the Decimal color 8499061 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



This preview shows how the Decimal color 8499061 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

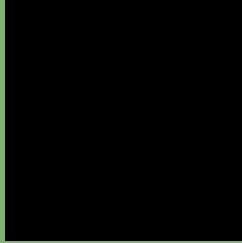
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8499061 Background



This preview shows how black text looks on a background with the Decimal color 8499061.



This preview shows how white text looks on a background with the Decimal color 8499061.

# 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



**Original Color**  
8499061

**Protanopia**  
11575920

**Deuteranopia**  
12622969

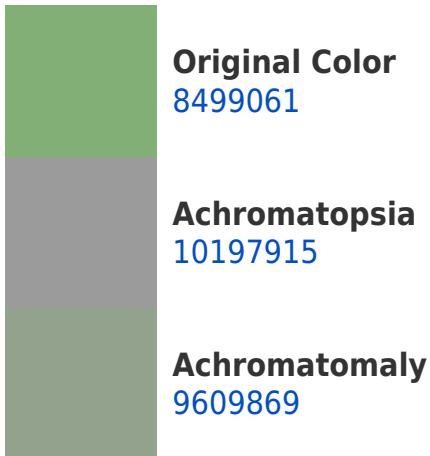


**Tritanopia**  
9217972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8499061 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 #81AF75 looks like.

```
.text, #text, p{  
    color:#81AF75  
}
```

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 #81AF75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AF75
}
```

## Border

The CSS property to change the border of an element to Decimal 8499061 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
#81AF75 }
```

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

```
.border{ border-color:#81AF75 }
```

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

Here you see how a box with a 4 pixel #81AF75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AF75; -webkit-box-shadow:4px 4px  
4px 4px #81AF75; box-shadow:4px 4px 4px  
4px #81AF75 }
```

# Background

The CSS property to change the background color of an element to Decimal 8499061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AF75 }
```

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

```
.background{ background-color:#81AF75 }
```

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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