

# Converting Colors

Decimal(8503149)

Have a look what the booklet for  
Decimal(8503149) contains.

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# **Color**

**Decimal(8503149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81BF6D
RGB	129, 191, 109
RGB Percent	51%, 75%, 43%
CMY	0.4941, 0.2510, 0.5725
CMYK	0.32, 0.00, 0.43, 0.25
HSL	105°, 39%, 59%
HSV	105°, 43%, 75%
XYZ	30.4444, 43.0329, 21.1696
YIQ	163.1140, -10.6300, -38.6460

# Conversions

## Conversions Part 2

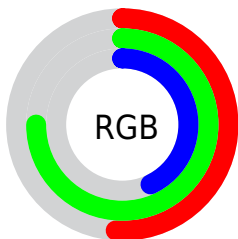
Format	Color
<a href="#">RYB</a>	<a href="#">109, 191, 171</a>
Decimal	<a href="#">8503149</a>
CIELab	<a href="#">71.58, -35.38, 35.13</a>
CIELCh	<a href="#">72, 49.862, 135.204</a>
Yxy	<a href="#">43.0329, 0.3217, 0.4547</a>
Android (android.graphics.Color)	<a href="#">4286693229 (0xFF81BF6D)</a>
YUV	<a href="#">163.1140, -26.6782, -29.9180</a>
Hunter-Lab	<a href="#">65.5994, -31.9580, 26.7861</a>

# Details

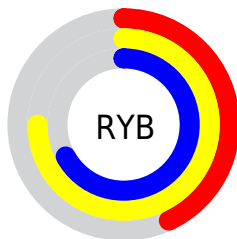
The Decimal color **8503149** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11234751**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **12122274**, and **5015867** is the 20% darker color. If you saturate the color by 10%, you get **7585626**, and if you desaturate by 10%, it is **9420672**.

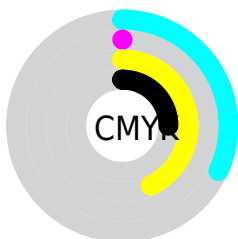
# Distribution



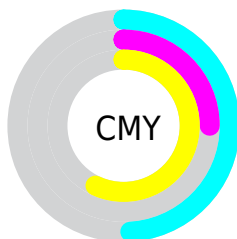
- Red (51%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8503149 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 8503149 by changing the saturation by 10% instead.





8503149



8503149

16777215



6726740



12122274



5015867



13959101



3305251



15859673



1398281



16777206



15872



10496



2816



0



8503149



8503149

 7585626

 9420672

 6602567

 10403731

 5685044

 11321254

 4701985


 12304313

 3784461

 13221836

 3129088

 14204896

 15122419

 16105471

 16760831

# Harmonies

## Analogous

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



11842644



8503149



3655063

# Triad

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



8503149



48127



16747162

# Complementary

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



8503149



11234751

# 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.



16288968



8503149



9350399

# Square

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



8503149



50159



13736688



16487793

# Rectangle

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



8503149



51126



13736688



16746921

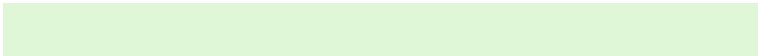


# Sweetspot

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



8503149



14677975



12561261



7241065



16579836



8224125



# Same Dimension

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



8503149



9893751



7192450



5725781



2596352



466688



# Inverse Universe

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



11234751



14186487



12545451



6051166



7864478



1507359



# Previews

## White Background



This preview shows how the Decimal color 8503149 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 8503149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

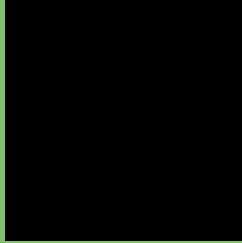
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8503149 Background



This preview shows how black text looks on a background with the Decimal color 8503149.

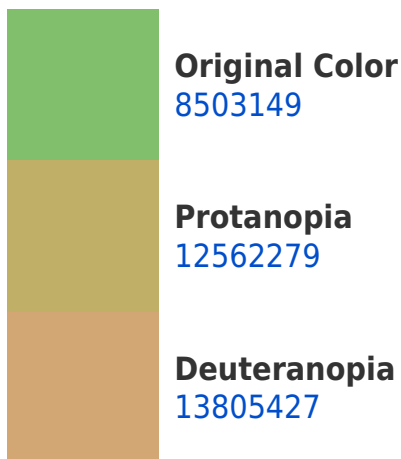


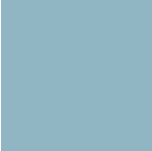
This preview shows how white text looks on a background with the Decimal color 8503149.

# 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**  
9483715

# Trichromacy



**Original Color**  
8503149



**Protanomaly**  
11056489



**Deuteranomaly**  
11907185



**Tritanomaly**  
9157028

# Monochromacy



**Original Color**  
8503149



**Achromatopsia**  
10724259



**Achromatomaly**  
9940367

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8503149 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 #81BF6D looks like.

```
.text, #text, p{  
    color:#81BF6D  
}
```

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 #81BF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BF6D
}
```

## Border

The CSS property to change the border of an element to Decimal 8503149 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
#81BF6D }
```

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

```
.border{ border-color:#81BF6D }
```

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

Here you see how a box with a 4 pixel #81BF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BF6D; -webkit-box-shadow:4px 4px  
4px 4px #81BF6D; box-shadow:4px 4px 4px  
4px #81BF6D }
```

# Background

The CSS property to change the background color of an element to Decimal 8503149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BF6D }
```

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

```
.background{ background-color:#81BF6D }
```

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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