

# Converting Colors

Decimal(5087841)

Have a look what the booklet for  
Decimal(5087841) contains.

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# Color

**Decimal(5087841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA261
RGB	77, 162, 97
RGB Percent	30%, 64%, 38%
CMY	0.6980, 0.3647, 0.6196
CMYK	0.52, 0.00, 0.40, 0.36
HSL	134°, 36%, 47%
HSV	134°, 52%, 64%
XYZ	18.1386, 28.2815, 15.8121
YIQ	129.1750, -29.7950, -38.2350

# Conversions

## Conversions Part 2

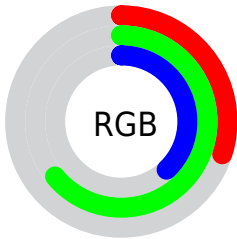
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 146, 162
Decimal	5087841
CIELab	60.14, -40.33, 26.15
CIELCh	60, 48.070, 147.038
Yxy	28.2815, 0.2915, 0.4545
Android (android.graphics.Color)	4283277921 (0xFF4DA261)
YUV	129.1750, -15.8623, -45.7575
Hunter-Lab	53.1804, -32.1835, 19.5975

# Details

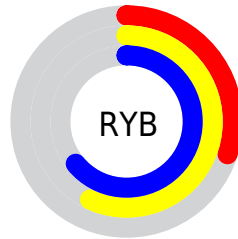
The Decimal color **5087841** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10636686**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **8706708**, and **879921** is the 20% darker color. If you saturate the color by 10%, you get **4039253**, and if you desaturate by 10%, it is **6136429**.

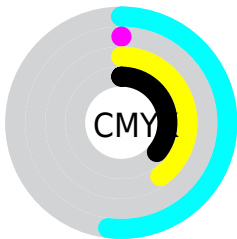
# Distribution



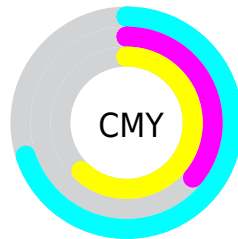
- Red (30%)
- Green (64%)
- Blue (38%)



- Red (30%)
- Yellow (57%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (40%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5087841 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 5087841 by changing the saturation by 10% instead.



■ 5087841

■ 5087841

16777215

■ 3245897

■ 8706708

■ 879921

■ 10548911

■ 21531

■ 12386251

■ 15363

■ 14286823

■ 9984

■ 16187391

■ 256

■ 0

■ 5087841

■ 5087841

■ 4039253

■ 6136429

■ 2990664

■ 7185018

■ 1876540

■ 8299142

■ 827951

■ 9347731

■ 41510

■ 10396319

■ 11444907

■ 12493496

■ 13607620

■ 14656208

# Harmonies

## Analogous

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



8624706



5087841



42635

# Triad

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



5087841



2922469



14643309

# Complementary

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



5087841



10636686

# 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.



14445975



5087841



9210077

# Square

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



5087841



41431



12679104



13467210

# Rectangle

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



5087841



42664



12679104



14708090



# Sweetspot

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



5087841



11719866



9347661



5729116



15461355



7039851



# Same Dimension

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



5087841



5166190



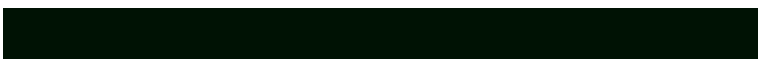
5087883



4805195



37154



4612



# Inverse Universe

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



10636686



13913780



10636644



5392720



9502831



1179662



# Previews

## White Background



This preview shows how the Decimal color 5087841 looks on a white background.

## Color Contrast Check

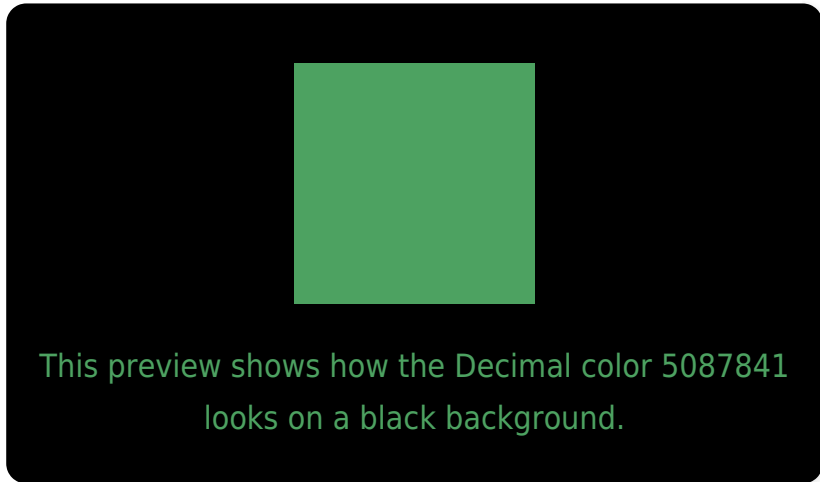
Large Text (above 18pt) WCAG AA ✓ Pass

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

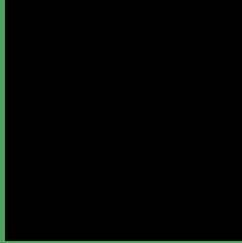
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5087841 Background



This preview shows how black text looks on a background with the Decimal color 5087841.

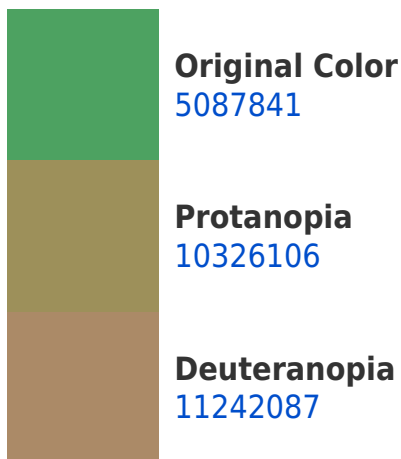


This preview shows how white text looks on a background with the Decimal color 5087841.

# 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](#).

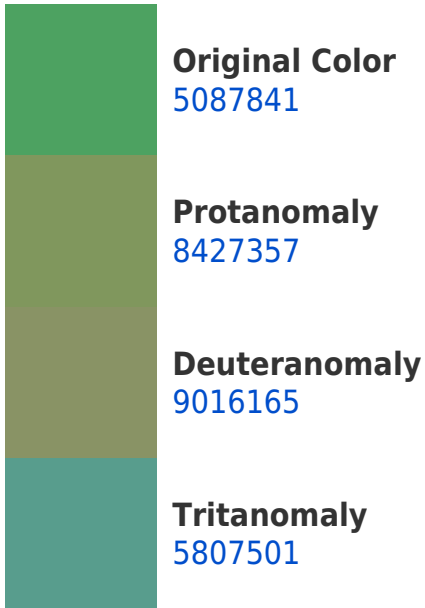
## Dichromacy





**Tritanopia**  
6199974

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5087841 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 #4DA261 looks like.

```
.text, #text, p{  
    color:#4DA261  
}
```

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 #4DA261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA261
}
```

## Border

The CSS property to change the border of an element to Decimal 5087841 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
#4DA261 }
```

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

```
.border{ border-color:#4DA261 }
```

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

Here you see how a box with a 4 pixel #4DA261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA261; -webkit-box-shadow:4px 4px  
4px 4px #4DA261; box-shadow:4px 4px 4px  
4px #4DA261 }
```

# Background

The CSS property to change the background color of an element to Decimal 5087841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA261 }
```

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

```
.background{ background-color:#4DA261 }
```

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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