

# Converting Colors

Decimal(8175731)

Have a look what the booklet for  
Decimal(8175731) contains.

<b>Decimal(8175731)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(8175731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CC073
RGB	124, 192, 115
RGB Percent	49%, 75%, 45%
CMY	0.5137, 0.2471, 0.5490
CMYK	0.35, 0.00, 0.40, 0.25
HSL	113°, 38%, 60%
HSV	113°, 40%, 75%
XYZ	30.2563, 43.2222, 22.9677
YIQ	162.8900, -15.8110, -38.3630

# Conversions

## Conversions Part 2

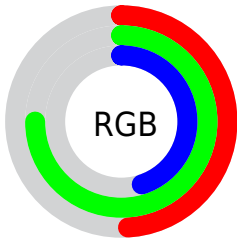
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 192, 183
Decimal	8175731
CIELab	71.71, -36.64, 32.16
CIElCh	72, 48.754, 138.726
Yxy	43.2222, 0.3137, 0.4481
Android (android.graphics.Color)	4286365811 (0xFF7CC073)
YUV	162.8900, -23.6098, -34.1065
Hunter-Lab	65.7436, -32.9024, 25.3074

# Details

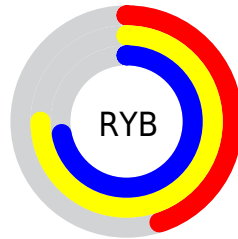
The Decimal color **8175731** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **12022720**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11794856**, and **4688449** is the 20% darker color. If you saturate the color by 10%, you get **7061600**, and if you desaturate by 10%, it is **9289862**.

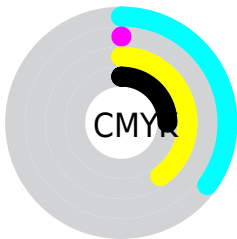
# Distribution



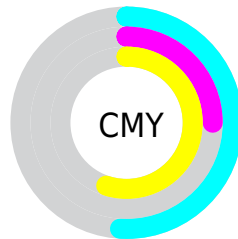
- Red (49%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8175731 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 8175731 by changing the saturation by 10% instead.





8175731



8175731

16777215



6399322



11794856



4688449



13631427



2912298



15531999



743186



16777212



16128



10496



3072



0



8175731



8175731

■ 7061600

■ 9289862

■ 5947469

■ 10403993

■ 4833337

■ 11518125

■ 3719206

■ 12632256

■ 2605075

■ 13746387

■ 1490944

■ 14860518

■ 15974649

■ 16761087

# Harmonies

## Analogous

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



11515480



8175731



3196317

# Triad

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



8175731



3389951



16747669

# Complementary

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



8175731



12022720

# 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.



16420290



8175731



10071039

# Square

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



8175731



50161



14064107



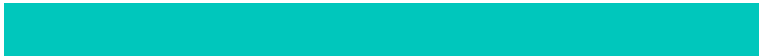
16226158

# Rectangle

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



8175731



51132



14064107



16747428

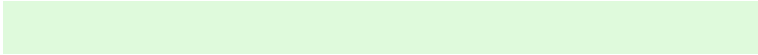


# Sweetspot

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



8175731



14678748



12629619



7241067



16579836



8224125



# Same Dimension

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



8175731



9501314



7585935



5792087



1286400



270592



# Inverse Universe

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



12022720



15500026



12612516



6313825



9306273



1900577



# Previews

## White Background



This preview shows how the Decimal color 8175731 looks on a white background.

## Color Contrast Check

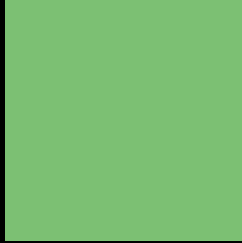
Large Text (above 18pt) WCAG AA × Fail

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 8175731 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 8175731 Background



This preview shows how black text looks on a background with the Decimal color 8175731.

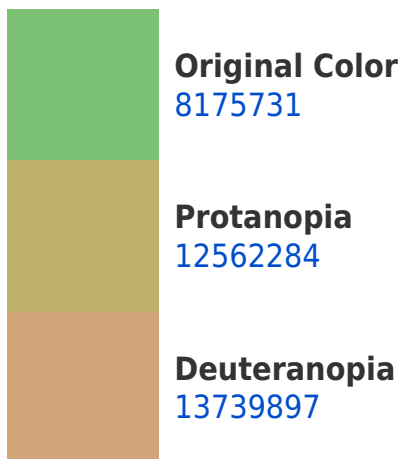


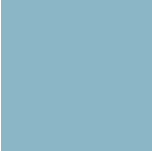
This preview shows how white text looks on a background with the Decimal color 8175731.

# 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**  
9156293

# Trichromacy



**Original Color**  
8175731



**Protanomaly**  
10990959



**Deuteranomaly**  
11710583

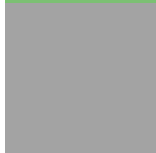


**Tritanomaly**  
8829607

# Monochromacy



**Original Color**  
8175731



**Achromatopsia**  
10724259



**Achromatomaly**  
9809554

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8175731 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 #7CC073 looks like.

```
.text, #text, p{  
    color:#7CC073  
}
```

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 #7CC073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC073
}
```

## Border

The CSS property to change the border of an element to Decimal 8175731 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
#7CC073 }
```

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

```
.border{ border-color:#7CC073 }
```

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

Here you see how a box with a 4 pixel #7CC073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC073; -webkit-box-shadow:4px 4px  
4px 4px #7CC073; box-shadow:4px 4px 4px  
4px #7CC073 }
```

# Background

The CSS property to change the background color of an element to Decimal 8175731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC073 }
```

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

```
.background{ background-color:#7CC073 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor