

# Converting Colors

Decimal(8303966)

Have a look what the booklet for  
Decimal(8303966) contains.

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# **Color**

**Decimal(8303966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB55E
RGB	126, 181, 94
RGB Percent	49%, 71%, 37%
CMY	0.5059, 0.2902, 0.6314
CMYK	0.30, 0.00, 0.48, 0.29
HSL	98°, 37%, 54%
HSV	98°, 48%, 71%
XYZ	27.1484, 38.2915, 16.5498
YIQ	154.6370, -4.8530, -38.7170

# Conversions

## Conversions Part 2

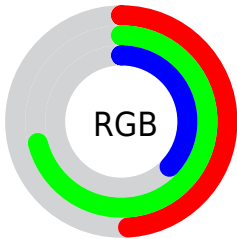
Format	Color
<b>RYB</b>	94, 181, 149
Decimal	8303966
CIELab	68.23, -33.80, 38.50
CIElCh	68, 51.227, 131.279
Yxy	38.2915, 0.3311, 0.4670
Android (android.graphics.Color)	4286494046 (0xFF7EB55E)
YUV	154.6370, -29.8940, -25.1146
Hunter-Lab	61.8801, -29.9776, 27.4590

# Details

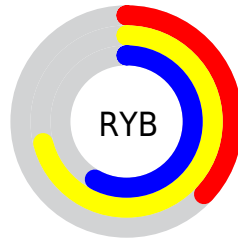
The Decimal color **8303966** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9789109**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **11922834**, and **4816940** is the 20% darker color. If you saturate the color by 10%, you get **7583052**, and if you desaturate by 10%, it is **9024880**.

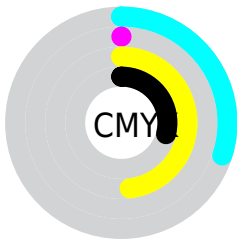
# Distribution



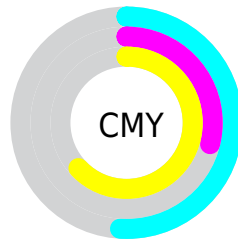
- Red (49%)
- Green (71%)
- Blue (37%)



- Red (37%)
- Yellow (71%)
- Blue (58%)



- Cyan (30%)
- Magenta (0%)
- Yellow (48%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8303966 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 8303966 by changing the saturation by 10% instead.



■ 8303966

■ 8303966

16777215

■ 6527557

■ 11922834

■ 4816940

■ 13762477

■ 3106323

■ 15663049

■ 1265152

■ 16777189

■ 13824

■ 8960

■ 0

■ 8303966

■ 8303966

■ 7583052

■ 9024880

6796602

9811330

6075688

10532244

5289238

11318694

4568323

12039609

4437248

12826059

13546973

14333423

15054335

# Harmonies

## Analogous

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



11643207



8303966



3390599

# Triad

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



8303966



46077



16613271

# Complementary

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



8303966



9789109

# 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.



15500229



8303966



7841279

# Square

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



8303966



48098



12686316



16091499

# Rectangle

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



8303966



48807



12686316



16482214



# Sweetspot

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



8303966



14085066



11899998



6911329



16119285



7697781



# Same Dimension

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



8303966



9825123



6206824



5527888



3709184



596480



# Inverse Universe

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



9789109



12149739



11886251



5656665



6357145



1048602



# Previews

## White Background



This preview shows how the Decimal color 8303966 looks on a white background.

## Color Contrast Check

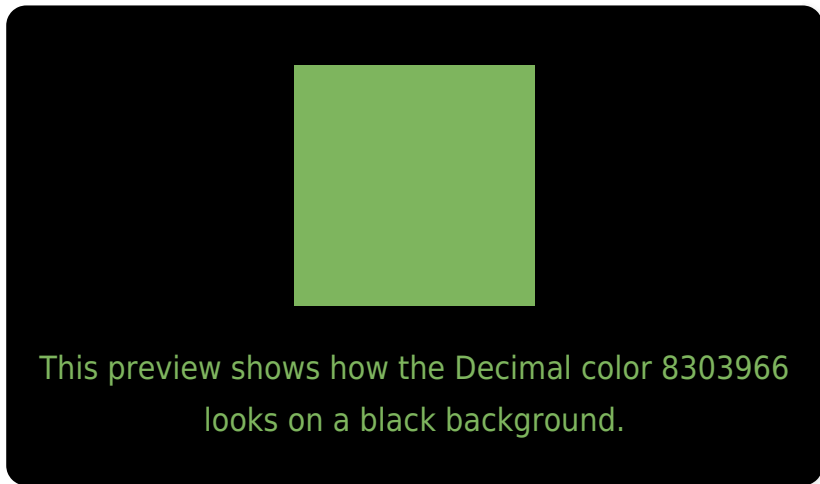
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 8303966 Background



This preview shows how black text looks on a background with the Decimal color 8303966.



This preview shows how white text looks on a background with the Decimal color 8303966.

# 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**  
8303966

**Protanopia**  
11970137

**Deuteranopia**  
13213284



**Tritanopia**  
9219001

# Trichromacy



**Original Color**  
8303966

**Protanomaly**  
10660699

**Deuteranomaly**  
11445858

**Tritanomaly**  
8892312

# Monochromacy



**Original Color**  
8303966

**Achromatopsia**  
10197915

**Achromatomaly**  
9479301

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8303966 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 #7EB55E looks like.

```
.text, #text, p{  
    color:#7EB55E  
}
```

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 #7EB55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB55E
}
```

## Border

The CSS property to change the border of an element to Decimal 8303966 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
#7EB55E }
```

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

```
.border{ border-color:#7EB55E }
```

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

Here you see how a box with a 4 pixel #7EB55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB55E; -webkit-box-shadow:4px 4px  
4px 4px #7EB55E; box-shadow:4px 4px 4px  
4px #7EB55E }
```

# Background

The CSS property to change the background color of an element to Decimal 8303966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB55E }
```

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

```
.background{ background-color:#7EB55E }
```

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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