

# Converting Colors

Decimal(8638295)

Have a look what the booklet for  
Decimal(8638295) contains.

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**Color**

**Decimal(8638295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83CF57
RGB	131, 207, 87
RGB Percent	51%, 81%, 34%
CMY	0.4863, 0.1882, 0.6588
CMYK	0.37, 0.00, 0.58, 0.19
HSL	98°, 56%, 58%
HSV	98°, 58%, 81%
XYZ	33.3932, 50.1391, 16.9346
YIQ	170.5960, -6.7760, -53.4320

# Conversions

## Conversions Part 2

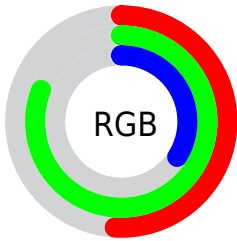
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 207, 163
Decimal	8638295
CIELab	76.15, -44.41, 51.33
CIELCh	76, 67.873, 130.863
Yxy	50.1391, 0.3324, 0.4991
Android (android.graphics.Color)	4286828375 (0xFF83CF57)
YUV	170.5960, -41.2128, -34.7257
Hunter-Lab	70.8089, -39.7358, 35.3865

# Details

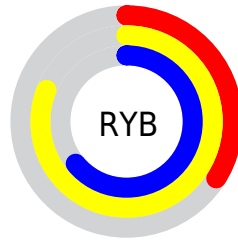
The Decimal color **8638295** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **10704847**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **12386188**, and **4954145** is the 20% darker color. If you saturate the color by 10%, you get **7786306**, and if you desaturate by 10%, it is **9490284**.

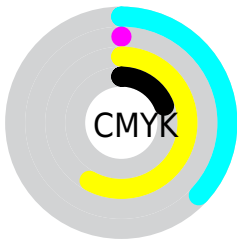
# Distribution



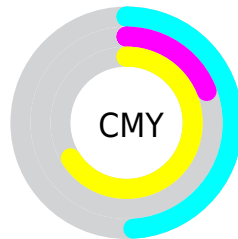
- Red (51%)
- Green (81%)
- Blue (34%)



- Red (34%)
- Yellow (81%)
- Blue (64%)



- Cyan (37%)
- Magenta (0%)
- Yellow (58%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8638295 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 8638295 by changing the saturation by 10% instead.





8638295



8638295

16777215



6796093



12386188



4954145



14286760



3046912



16187332



287744



16777184



19200

16777214



13312



7680



0



8638295



8638295

■ 7786306

■ 9490284

■ 6934318

■ 10342272

■ 6082329

■ 11194261

■ 5230340

■ 12046250

■ 5033728

■ 12963775

■ 13815763

■ 14667752

■ 15519741

■ 16371711

# Harmonies

## Analogous

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



13156404



8638295



55184

# Triad

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



8638295



52991



16745127

# Complementary

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



8638295



10704847

# 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.



16746982



8638295



7126015

# Square

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



8638295



55295



14524927



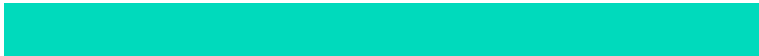
16748909

# Rectangle

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



8638295



55996



14524927



16745149

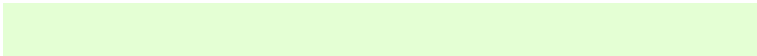


# Sweetspot

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



8638295



15007700



13607767



7307366



0



8421504



# Same Dimension

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



8638295



9371469



5754727



6449502



4106240



993536



# Inverse Universe

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



10704847



12471807



13588415



6643305



7012520



1703977



# Previews

## White Background



This preview shows how the Decimal color 8638295 looks on a white background.

## Color Contrast Check

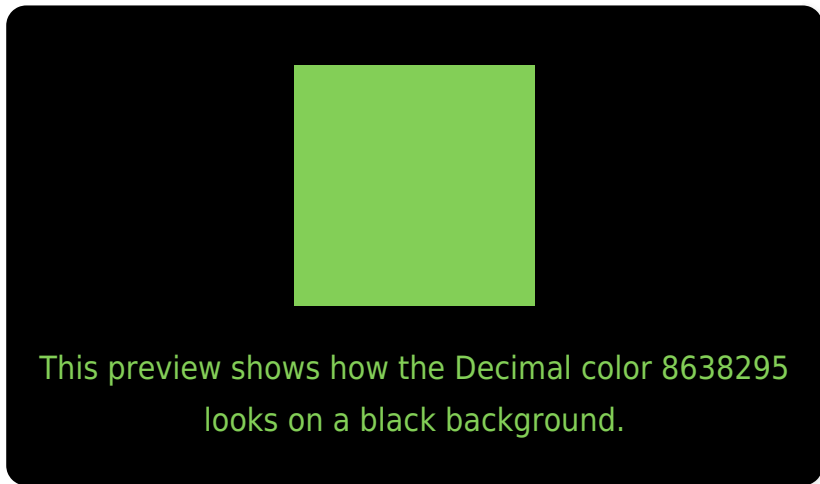
Large Text (above 18pt) WCAG AA × Fail

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 8638295 Background



This preview shows how black text looks on a background with the Decimal color 8638295.

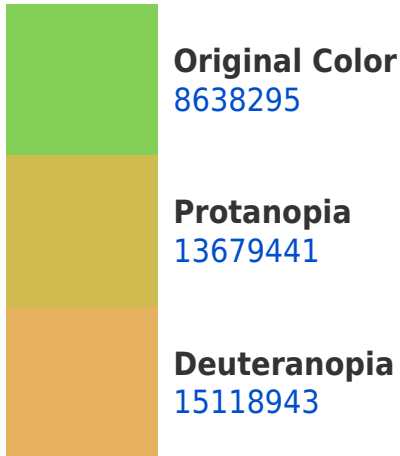


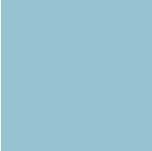
This preview shows how white text looks on a background with the Decimal color 8638295.

# 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](#).

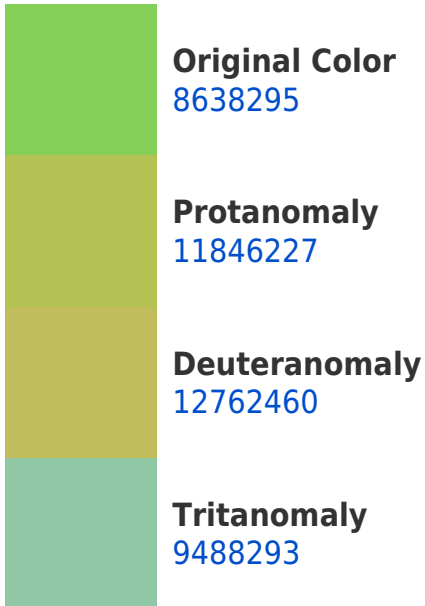
## Dichromacy



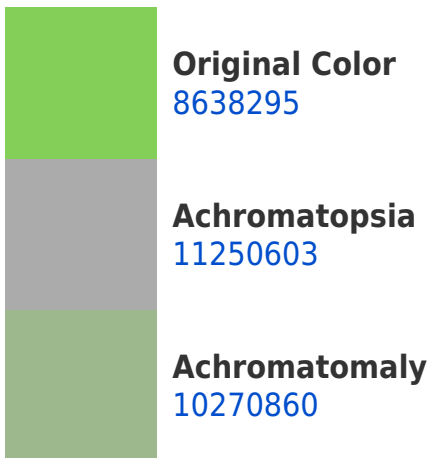


**Tritanopia**  
9945810

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8638295 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 #83CF57 looks like.

```
.text, #text, p{  
    color:#83CF57  
}
```

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 #83CF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CF57
}
```

## Border

The CSS property to change the border of an element to Decimal 8638295 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
#83CF57 }
```

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

```
.border{ border-color:#83CF57 }
```

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

Here you see how a box with a 4 pixel #83CF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CF57; -webkit-box-shadow:4px 4px  
4px 4px #83CF57; box-shadow:4px 4px 4px  
4px #83CF57 }
```

# Background

The CSS property to change the background color of an element to Decimal 8638295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CF57 }
```

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

```
.background{ background-color:#83CF57 }
```

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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