

# Converting Colors

Decimal(8626967)

Have a look what the booklet for  
Decimal(8626967) contains.

<b>Decimal(8626967)</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(8626967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83A317
RGB	131, 163, 23
RGB Percent	51%, 64%, 9%
CMY	0.4863, 0.3608, 0.9098
CMYK	0.20, 0.00, 0.86, 0.36
HSL	74°, 75%, 36%
HSV	74°, 86%, 64%
XYZ	22.6119, 31.0815, 5.6182
YIQ	137.4720, 25.8680, -50.3240

# Conversions

## Conversions Part 2

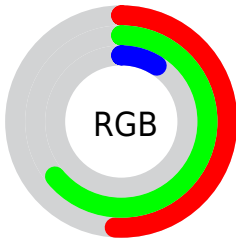
Format	Color
R <sub>Y</sub> B	23, 163, 55
Decimal	8626967
CIE Lab	62.58, -28.88, 61.02
CIE LCh	63, 67.507, 115.325
Yxy	31.0815, 0.3812, 0.5240
Android (android.graphics.Color)	4286817047 (0xFF83A317)
YUV	137.4720, -56.4347, -5.6759
Hunter-Lab	55.7508, -25.1663, 33.0507

# Details

The Decimal color **8626967** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3610531**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **12311123**, and **5074688** is the 20% darker color. If you saturate the color by 10%, you get **8364807**, and if you desaturate by 10%, it is **8889127**.

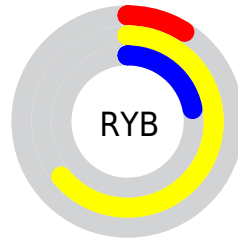
# Distribution



Red (51%)

Green (64%)

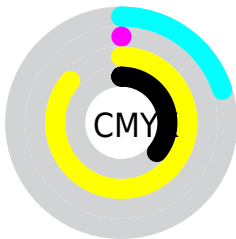
Blue (9%)



Red (9%)

Yellow (64%)

Blue (22%)

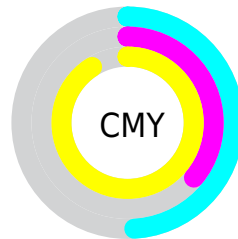


Cyan (20%)

Magenta (0%)

Yellow (86%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8626967 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 8626967 by changing the saturation by 10% instead.





8626967



8626967

16777215



6850816



12311123



5074688



14218863



3299072



16187274



1392384



16777126



10496



16777154



4096



16777183



0



16777212



8626967



8626967

■ 8364807

■ 8889127

■ 8299264

■ 9085752

■ 9347912

■ 9610072

■ 9872233

■ 10068857

■ 10331017

■ 10593177

■ 10855338

# Harmonies

## Analogous

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



12357888



8626967



2534991

# Triad

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



8626967



44793



16604323

# Complementary

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



8626967



3610531

# 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.



14053596



8626967



41471

# Square

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



8626967



46025



8686591



16736616

# Rectangle

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



8626967



45431



8686591



16015543



# Sweetspot

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



8626967



13096093



10695959



6581066



15461355



7039851



# Same Dimension

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



8626967



10736640



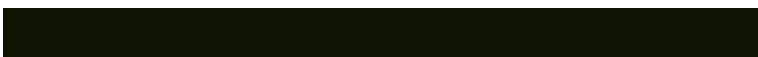
4170519



5263945



7377152



922112



# Inverse Universe

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



3610531



3145940



8066979



4933970



2162833



262162



# Previews

## White Background



This preview shows how the Decimal color 8626967 looks on a white background.

## Color Contrast Check

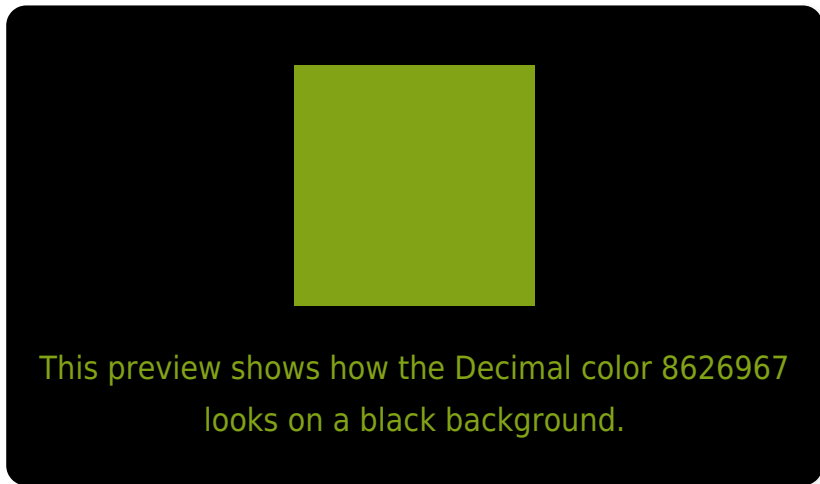
Large Text (above 18pt) WCAG AA × Fail

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 8626967 Background



This preview shows how black text looks on a background with the Decimal color 8626967.



This preview shows how white text looks on a background with the Decimal color 8626967.

# 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**  
8626967

**Protanopia**  
11179795

**Deuteranopia**  
12488484



**Tritanopia**  
9476260

# Trichromacy



**Original Color**  
8626967

**Protanomaly**  
10263316

**Deuteranomaly**  
11114015

**Tritanomaly**  
9149553

# Monochromacy



**Original Color**  
8626967

**Achromatopsia**  
9013641

**Achromatomaly**  
8884832

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8626967 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 #83A317 looks like.

```
.text, #text, p{  
    color:#83A317  
}
```

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 #83A317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A317
}
```

## Border

The CSS property to change the border of an element to Decimal 8626967 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
#83A317 }
```

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

```
.border{ border-color:#83A317 }
```

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

Here you see how a box with a 4 pixel #83A317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A317; -webkit-box-shadow:4px 4px  
4px 4px #83A317; box-shadow:4px 4px 4px  
4px #83A317 }
```

# Background

The CSS property to change the background color of an element to Decimal 8626967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A317 }
```

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

```
.background{ background-color:#83A317 }
```

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