

# Converting Colors

Decimal(8623736)

Have a look what the booklet for  
Decimal(8623736) contains.

<b>Decimal(8623736)</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(8623736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	839678
RGB	131, 150, 120
RGB Percent	51%, 59%, 47%
CMY	0.4863, 0.4118, 0.5294
CMYK	0.13, 0.00, 0.20, 0.41
HSL	98°, 13%, 53%
HSV	98°, 20%, 59%
XYZ	23.6566, 27.9941, 21.9259
YIQ	140.8990, -1.6940, -13.3580

# Conversions

## Conversions Part 2

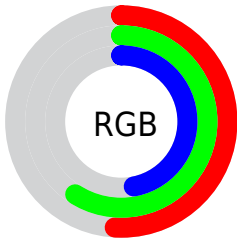
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 150, 139
Decimal	8623736
CIELab	59.88, -12.57, 13.61
CIELCh	60, 18.523, 132.730
Yxy	27.9941, 0.3215, 0.3805
Android (android.graphics.Color)	4286813816 (0xFF839678)
YUV	140.8990, -10.3032, -8.6814
Hunter-Lab	52.9094, -12.7815, 12.4666

# Details

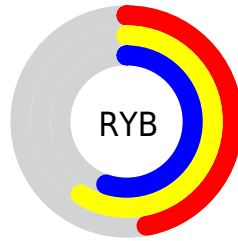
The Decimal color **8623736** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9140374**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **12111020**, and **5333831** is the 20% darker color. If you saturate the color by 10%, you get **7968361**, and if you desaturate by 10%, it is **9279111**.

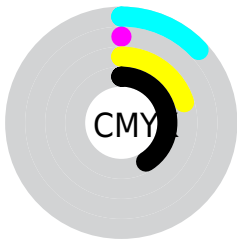
# Distribution



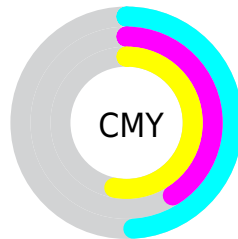
- Red (51%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (59%)
- Blue (55%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8623736 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 8623736 by changing the saturation by 10% instead.



■ 8623736

■ 8623736

16777215

■ 6978655

■ 12111020

■ 5333831

■ 13953224

■ 3820337

■ 15794148

■ 2372892

■ 1122050

■ 0

■ 8623736

■ 8623736

■ 7968361

■ 9279111

■ 7378522

■ 9868950

■ 6723147

■ 10524325

■ 6133308

■ 11114164

■ 5477933

■ 11769539

■ 4888094

■ 12359378

■ 4232719

■ 13014753

■ 3642880

■ 13604592

■ 14259967

# Harmonies

## Analogous

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



9802096



8623736



7444870

# Triad

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



8623736



7509423



11699594

# Complementary

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



8623736



9140374

# 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.



11241114



8623736



8884144

# Square

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



8623736



6592678



10259112



11569019

# Rectangle

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



8623736



6855313



10259112



11634063



# Sweetspot

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



8623736



12239542



9866104



6119770



14737632



6381921



# Same Dimension

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



8623736



10797715



7902844



4540995



3312128



264704



# Inverse Universe

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



9140374



11637698



9861266



4670282



5701770



393226



# Previews

## White Background



This preview shows how the Decimal color 8623736 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



This preview shows how the Decimal color 8623736 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

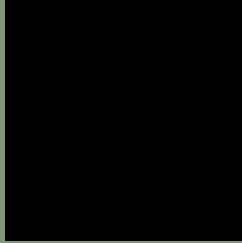
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

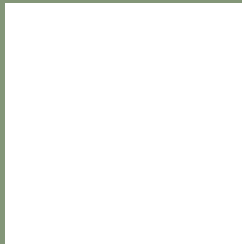
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8623736 Background



This preview shows how black text looks on a background with the Decimal color 8623736.

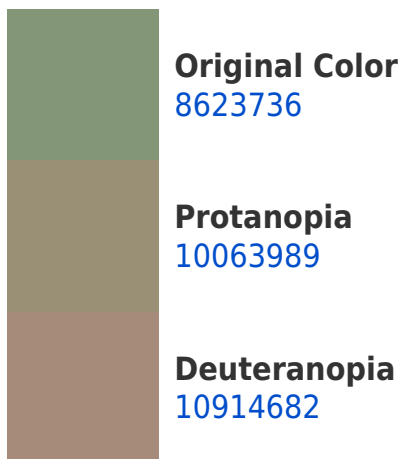


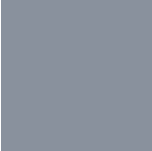
This preview shows how white text looks on a background with the Decimal color 8623736.

# 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**  
9015709

# Trichromacy



**Original Color**  
8623736

**Protanomaly**  
9540214

**Deuteranomaly**  
10063737

**Tritanomaly**  
8885136

# Monochromacy



**Original Color**  
8623736

**Achromatopsia**  
9276813

**Achromatomaly**  
9015429

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8623736 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 #839678 looks like.

```
.text, #text, p{  
    color:#839678  
}
```

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 #839678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839678
}
```

## Border

The CSS property to change the border of an element to Decimal 8623736 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
#839678 }
```

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

```
.border{ border-color:#839678 }
```

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

Here you see how a box with a 4 pixel #839678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839678; -webkit-box-shadow:4px 4px  
4px 4px #839678; box-shadow:4px 4px 4px  
4px #839678 }
```

# Background

The CSS property to change the background color of an element to Decimal 8623736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839678 }
```

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

```
.background{ background-color:#839678 }
```

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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