

# Converting Colors

Decimal(8688739)

Have a look what the booklet for  
Decimal(8688739) contains.

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**Color**

**Decimal(8688739)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 849463                     |
| RGB           | 132, 148, 99               |
| RGB Percent   | 52%, 58%, 39%              |
| CMY           | 0.4824, 0.4196, 0.6118     |
| CMYK          | 0.11, 0.00, 0.33, 0.42     |
| HSL           | 80°, 20%, 48%              |
| HSV           | 80°, 33%, 58%              |
| XYZ           | 22.3578, 26.9862, 15.8349  |
| YIQ           | 137.6300, 6.1930, -18.6310 |

# Conversions

## Conversions Part 2

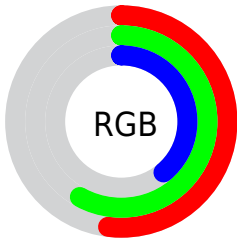
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 99, 148, 115                   |
| Decimal                             | 8688739                        |
| CIE <sub>Lab</sub>                  | 58.96, -14.46, 24.07           |
| CIE <sub>LCh</sub>                  | 59, 28.078, 120.997            |
| Yxy                                 | 26.9862, 0.3430,<br>0.4140     |
| Android<br>(android.graphics.Color) | 4286878819<br>(0xFF849463)     |
| YUV                                 | 137.6300, -19.0446,<br>-4.9375 |
| Hunter-Lab                          | 51.9482, -14.0857,<br>18.2910  |

# Details

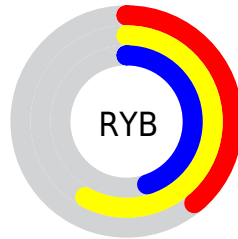
The Decimal color **8688739** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7562132**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **12241558**, and **5398836** is the 20% darker color. If you saturate the color by 10%, you get **8361044**, and if you desaturate by 10%, it is **9016434**.

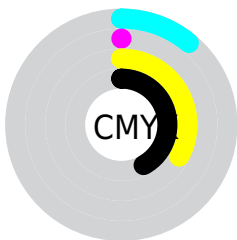
# Distribution



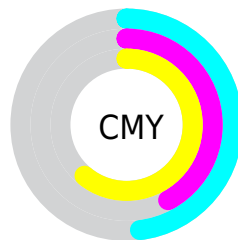
- Red (52%)
- Green (58%)
- Blue (39%)



- Red (39%)
- Yellow (58%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8688739 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 8688739 by changing the saturation by 10% instead.





8688739



8688739

16777215



6978123



12241558



5398836



14083761



3820061



15925197



2306822



16777193



794112



0



8688739



8688739



8361044



9016434



8033349



9344129

■ 7771191

■ 9606287

■ 7443496

■ 9933982

■ 7115801

■ 10261677

■ 6788106

■ 10589372

■ 6591488

■ 10917067

■ 11244761

■ 11506920

# Harmonies

## Analogous

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



10390876



8688739



6789493

# Triad

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



8688739



4888504



12417934

# Complementary

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



8688739



7562132

# 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.



11435942



8688739



7246015

# Square

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



8688739



3840934



9603000



12483958

# Rectangle

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



8688739



5544837



9603000



12156054



# Sweetspot

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



8688739



12173228



9728867



6119765



14737632



6381921



# Same Dimension

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



8688739



10927987



7115875



4737603



6130176



461312



# Inverse Universe

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



7562132



9204671



9134996



4539210



2949258



196618



# Previews

## White Background



This preview shows how the Decimal color 8688739 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 8688739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

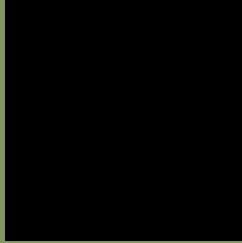
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8688739 Background



This preview shows how black text looks on a background with the Decimal color 8688739.




This preview shows how white text looks on a background with the Decimal color 8688739.

# 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**  
9145752

# Trichromacy



**Original Color**  
8688739

**Protanomaly**  
9539681

**Deuteranomaly**  
10194021

**Tritanomaly**  
8949893

# Monochromacy



**Original Color**  
8688739

**Achromatopsia**  
9079434

**Achromatomaly**  
8949372

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8688739 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 #849463 looks like.

```
.text, #text, p{  
    color:#849463  
}
```

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 #849463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849463
}
```

## Border

The CSS property to change the border of an element to Decimal 8688739 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
#849463 }
```

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

```
.border{ border-color:#849463 }
```

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

Here you see how a box with a 4 pixel #849463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849463; -webkit-box-shadow:4px 4px  
4px 4px #849463; box-shadow:4px 4px 4px  
4px #849463 }
```

# Background

The CSS property to change the background color of an element to Decimal 8688739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849463 }
```

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

```
.background{ background-color:#849463 }
```

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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