

# Converting Colors

Decimal(8618102)

Have a look what the booklet for  
Decimal(8618102) contains.

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# Color

**Decimal(8618102)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 838076                    |
| RGB           | 131, 128, 118             |
| RGB Percent   | 51%, 50%, 46%             |
| CMY           | 0.4863, 0.4980, 0.5373    |
| CMYK          | 0.00, 0.02, 0.10, 0.49    |
| HSL           | 46°, 5%, 49%              |
| HSV           | 46°, 10%, 51%             |
| XYZ           | 20.3493, 21.5716, 20.2308 |
| YIQ           | 127.7570, 4.9980, -2.4740 |

# Conversions

## Conversions Part 2

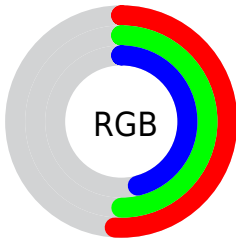
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 122, 131, 118                |
| Decimal                             | 8618102                      |
| CIE Lab                             | 53.57, -0.75, 5.82           |
| CIE LCh                             | 54, 5.871, 97.363            |
| Yxy                                 | 21.5716, 0.3274,<br>0.3471   |
| Android<br>(android.graphics.Color) | 4286808182<br>(0xFF838076)   |
| YUV                                 | 127.7570, -4.8102,<br>2.8441 |
| Hunter-Lab                          | 46.4453, -3.0723,<br>6.6860  |

# Details

The Decimal color **8618102** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7764355**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **12105130**, and **5394246** is the 20% darker color. If you saturate the color by 10%, you get **8617321**, and if you desaturate by 10%, it is **8618883**.

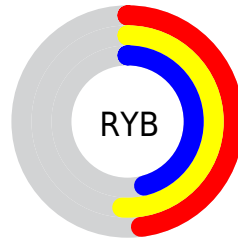
# Distribution



Red (51%)

Green (50%)

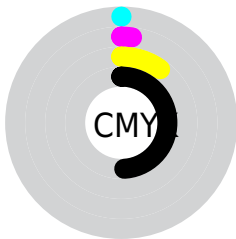
Blue (46%)



Red (48%)

Yellow (51%)

Blue (46%)

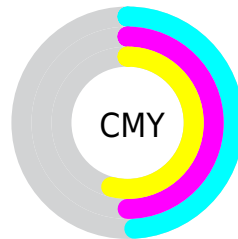


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (49%)



Cyan (49%)

Magenta (50%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8618102 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 8618102 by changing the saturation by 10% instead.





8618102



8618102

16777215



6973277



12105130



5394246



13947077



3881007



15789537



2433819

16777214



1051904



0



8618102



8618102



8617321



8618883



8616540



8619664

8615759

8620445

8614978

8621226

8614197

8622008

8613415

8622789

8612634

8623570

8611853

8624351

8611072

8625132

# Harmonies

## Analogous

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



8945271



8618102



8225400

# Triad

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



8618102



7635846



8945028

# Complementary

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



8618102



7764355

# 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.



8617608



8618102



7832201

# Square

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



8618102



7635841



8159370



9141631

# Rectangle

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



8618102



7963258



8159370



8813957



# Sweetspot

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



8618102



11250342



8615545



5723731



14079702



5723991



# Same Dimension

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



8618102



11249302



8422262



4342076



8545280



197120



# Inverse Universe

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



7764355



9870251



7960195



3947842



7810



259



# Previews

## White Background



This preview shows how the Decimal color 8618102 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 8618102 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

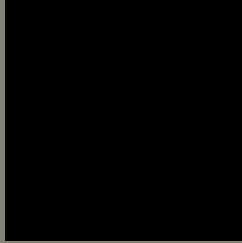
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

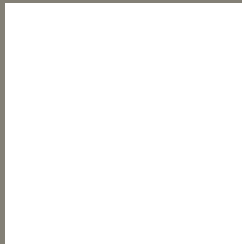
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8618102 Background



This preview shows how black text looks on a background with the Decimal color 8618102.



This preview shows how white text looks on a background with the Decimal color 8618102.

# 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**

8618102

**Protanopia**

8748918

**Deuteranopia**

9468791



**Tritanopia**  
8748423

# Trichromacy



**Original Color**  
8618102

**Protanomaly**  
8683382

**Deuteranomaly**  
9141623

**Tritanomaly**  
8683137

# Monochromacy



**Original Color**  
8618102

**Achromatopsia**  
8421504

**Achromatomaly**  
8487036

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8618102 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 #838076 looks like.

```
.text, #text, p{  
    color:#838076  
}
```

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 #838076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838076
}
```

## Border

The CSS property to change the border of an element to Decimal 8618102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

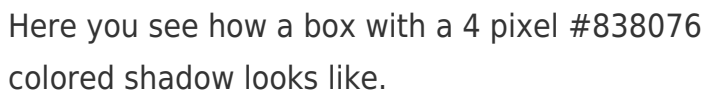
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838076 }
```

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

```
.border{ border-color:#838076 }
```

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



Here you see how a box with a 4 pixel #838076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838076; -webkit-box-shadow:4px 4px  
4px 4px #838076; box-shadow:4px 4px 4px  
4px #838076 }
```

# Background

The CSS property to change the background color of an element to Decimal 8618102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838076 }
```

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

```
.background{ background-color:#838076 }
```

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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