

# Converting Colors

Decimal(8690294)

Have a look what the booklet for  
Decimal(8690294) contains.

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# Color

**Decimal(8690294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849A76
RGB	132, 154, 118
RGB Percent	52%, 60%, 46%
CMY	0.4824, 0.3961, 0.5373
CMYK	0.14, 0.00, 0.23, 0.40
HSL	97°, 15%, 53%
HSV	97°, 23%, 60%
XYZ	24.3413, 29.3247, 21.5169
YIQ	143.3180, -1.5560, -15.8600

# Conversions

## Conversions Part 2

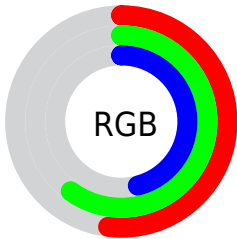
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 154, 140
Decimal	8690294
CIE <sub>Lab</sub>	61.07, -14.67, 16.38
CIE <sub>LCh</sub>	61, 21.986, 131.838
Yxy	29.3247, 0.3238, 0.3900
Android (android.graphics.Color)	4286880374 (0xFF849A76)
YUV	143.3180, -12.4818, -9.9259
Hunter-Lab	54.1523, -14.5313, 14.3484

# Details

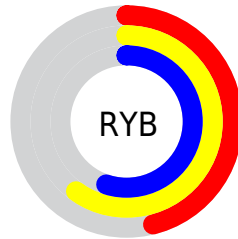
The Decimal color **8690294** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9205402**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **12177578**, and **5400389** is the 20% darker color. If you saturate the color by 10%, you get **8100455**, and if you desaturate by 10%, it is **9280133**.

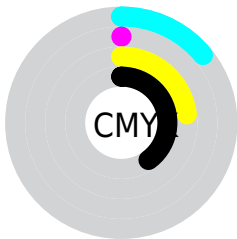
# Distribution



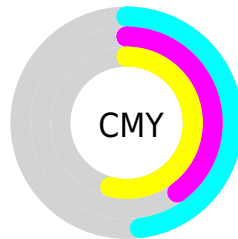
- Red (52%)
- Green (60%)
- Blue (46%)



- Red (46%)
- Yellow (60%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8690294 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 8690294 by changing the saturation by 10% instead.





8690294



8690294

16777215



7045213



12177578



5400389



14020038



3886895



15925218



2373658

16777214



1122816



1792



0



8690294



8690294



8100455



9280133

7445079

9935509

6855240

10525348

6199864

11180724

5610025

11770563

5020186

12360402

4364810

13015778

3971584

13605617

14260991

# Harmonies

## Analogous

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



10130797



8690294



7249287

# Triad

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



8690294



7117240



12289420

# Complementary

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



8690294



9205402

# 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.



11765664



8690294



8819641

# Square

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



8690294



6069677



10521776



12093562

# Rectangle

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



8690294



6463124



10521776



12158355



# Sweetspot

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



8690294



12700091



10128502



6383198



15132390



6710886



# Same Dimension

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



8690294



10996113



7772794



4738373



3640320



331008



# Inverse Universe

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



9205402



11833801



10122902



4867405



5636236



524301



# Previews

## White Background



This preview shows how the Decimal color 8690294 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 8690294 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

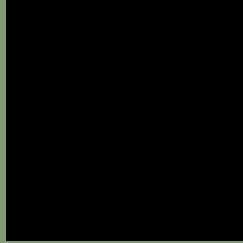
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8690294 Background



This preview shows how black text looks on a background with the Decimal color 8690294.



This preview shows how white text looks on a background with the Decimal color 8690294.

# 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





# Trichromacy



**Original Color**  
8690294

**Protanomaly**  
9737844

**Deuteranomaly**  
10261112

**Tritanomaly**  
8951441

# Monochromacy



**Original Color**  
8690294

**Achromatopsia**  
9408399

**Achromatomaly**  
9147270

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8690294 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 #849A76 looks like.

```
.text, #text, p{  
    color:#849A76  
}
```

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 #849A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849A76  
}
```

## Border

The CSS property to change the border of an element to Decimal 8690294 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  
#849A76 }
```

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

```
.border{ border-color:#849A76 }
```

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

Here you see how a box with a 4 pixel #849A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849A76; -webkit-box-shadow:4px 4px  
4px 4px #849A76; box-shadow:4px 4px 4px  
4px #849A76 }
```

# Background

The CSS property to change the background color of an element to Decimal 8690294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849A76 }
```

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

```
.background{ background-color:#849A76 }
```

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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