

# Converting Colors

Decimal(9080677)

Have a look what the booklet for  
Decimal(9080677) contains.

<b>Decimal(9080677)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(9080677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A8F65
RGB	138, 143, 101
RGB Percent	54%, 56%, 40%
CMY	0.4588, 0.4392, 0.6039
CMYK	0.03, 0.00, 0.29, 0.44
HSL	67°, 17%, 48%
HSV	67°, 29%, 56%
XYZ	22.6527, 25.9878, 16.1341
YIQ	136.7170, 10.5020, -14.1220

# Conversions

## Conversions Part 2

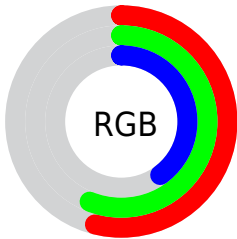
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 143, 106
Decimal	9080677
CIELab	58.03, -9.07, 21.80
CIElCh	58, 23.609, 112.602
Yxy	25.9878, 0.3497, 0.4012
Android (android.graphics.Color)	4287270757 (0xFF8A8F65)
YUV	136.7170, -17.6085, 1.1252
Hunter-Lab	50.9782, -9.8937, 16.9200

# Details

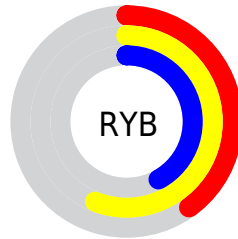
The Decimal color **9080677** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6972815**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **12633496**, and **5725494** is the 20% darker color. If you saturate the color by 10%, you get **8949591**, and if you desaturate by 10%, it is **9211763**.

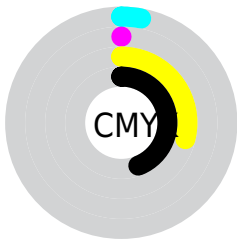
# Distribution



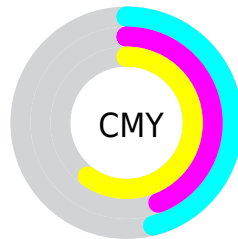
- Red (54%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9080677 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 9080677 by changing the saturation by 10% instead.





9080677



9080677

16777215



7370061



12633496



5725494



14475699



4212000



16383439



2699017



16777195



1251840



0



9080677



9080677



8949591



9211763



8884040



9277314

■ 8752954

■ 9408400

■ 8621868

■ 9539486

■ 8490781

■ 9670572

■ 8425231

■ 9736123

■ 8294145

■ 9867209

■ 8294144

■ 9998295

■ 10063846

# Harmonies

## Analogous

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



10455139



9080677



7509106

# Triad

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



9080677



5412012



11632017

# Complementary

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



9080677



6972815

# 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.



10584485



9080677



6983604

# Square

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



9080677



5085083



8947889



11894141

# Rectangle

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



9080677



6526590



8947889



11370136



# Sweetspot

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



9080677



12106409



9398885



6118996



14606046



6184542



# Same Dimension

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



9080677



11713145



7704421



4671296



7833344



460800



# Inverse Universe

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



6972815



8485306



8349071



4276295



1048711



65544



# Previews

## White Background



This preview shows how the Decimal color 9080677 looks on a white background.

## Color Contrast Check

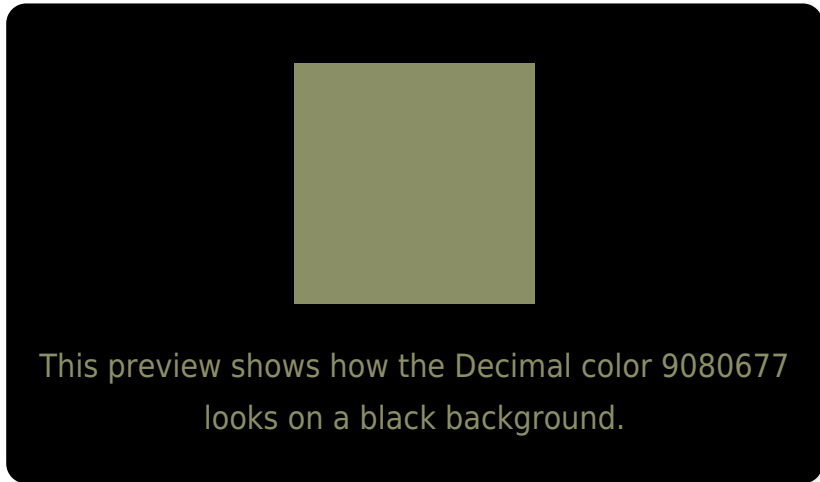
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

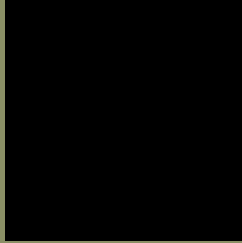
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

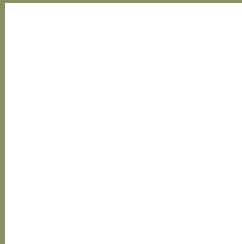
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9080677 Background



This preview shows how black text looks on a background with the Decimal color 9080677.



This preview shows how white text looks on a background with the Decimal color 9080677.

# 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**  
9080677

**Protanopia**  
9866083

**Deuteranopia**  
10847847



**Tritanopia**  
9472404

# Trichromacy



**Original Color**  
9080677

**Protanomaly**  
9604196

**Deuteranomaly**  
10193254

**Tritanomaly**  
9341827

# Monochromacy



**Original Color**  
9080677

**Achromatopsia**  
9013641

**Achromatomaly**  
9014140

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9080677 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 #8A8F65 looks like.

```
.text, #text, p{  
    color:#8A8F65  
}
```

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 #8A8F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8F65
}
```

## Border

The CSS property to change the border of an element to Decimal 9080677 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
#8A8F65 }
```

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

```
.border{ border-color:#8A8F65 }
```

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

Here you see how a box with a 4 pixel #8A8F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8F65; -webkit-box-shadow:4px 4px  
4px 4px #8A8F65; box-shadow:4px 4px 4px  
4px #8A8F65 }
```

# Background

The CSS property to change the background color of an element to Decimal 9080677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8F65 }
```

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

```
.background{ background-color:#8A8F65 }
```

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