

# Converting Colors

Decimal(8877688)

Have a look what the booklet for  
Decimal(8877688) contains.

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# Color

**Decimal(8877688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877678
RGB	135, 118, 120
RGB Percent	53%, 46%, 47%
CMY	0.4706, 0.5373, 0.5294
CMYK	0.00, 0.13, 0.11, 0.47
HSL	353°, 7%, 50%
HSV	353°, 13%, 53%
XYZ	19.8603, 19.4638, 20.4794
YIQ	123.3110, 9.4900, 4.2260

# Conversions

## Conversions Part 2

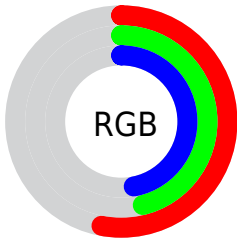
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 118, 120
Decimal	8877688
CIE <sub>Lab</sub>	51.23, 6.94, 1.32
CIE <sub>LCh</sub>	51, 7.059, 10.738
Yxy	19.4638, 0.3321, 0.3255
Android (android.graphics.Color)	4287067768 (0xFF877678)
YUV	123.3110, -1.6323, 10.2513
Hunter-Lab	44.1178, 3.1481, 3.3601

# Details

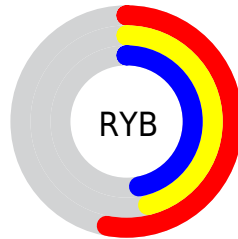
The Decimal color **8877688** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7767941**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **12364460**, and **5588552** is the 20% darker color. If you saturate the color by 10%, you get **8874348**, and if you desaturate by 10%, it is **8881284**.

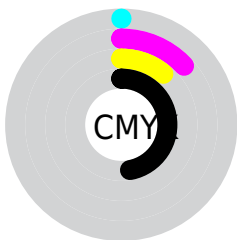
# Distribution



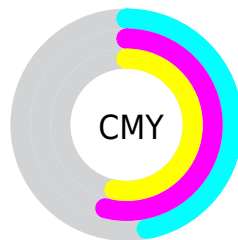
- Red (53%)
- Green (46%)
- Blue (47%)



- Red (53%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8877688 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 8877688 by changing the saturation by 10% instead.





8877688



8877688

16777215



7232863



12364460



5588552



14206408



4075313



16114148



2628380

16776959



1376258



0



8877688



8877688



8874348



8881284



8870752



8884624

8867412

8888220

8863816

8891560

8860476

8895156

8856881

8898495

8853541

8901835

8849945

8905431

8847376

8909027

# Harmonies

## Analogous

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



8681086



8877688



8877938

# Triad

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



8877688



7765105



7371909

# Complementary

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



8877688



7767941

# 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.



7110018



8877688



7306614

# Square

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



8877688



8223342



7110268



7764614

# Rectangle

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



8877688



8681584



7110268



7240836



# Sweetspot

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



8877688



11577770



8746631



5854549



14277081



5855577



# Same Dimension

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



8877688



11572889



8879222



4340796



8519695



196608



# Inverse Universe

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



8877688



11572889



7766407



4340796



8519695



196608



# Previews

## White Background



This preview shows how the Decimal color 8877688 looks on a white background.

## Color Contrast Check

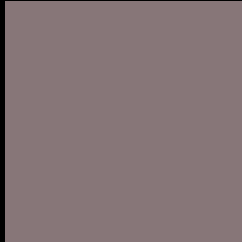
Large Text (above 18pt) WCAG AA ✓ Pass

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 8877688 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

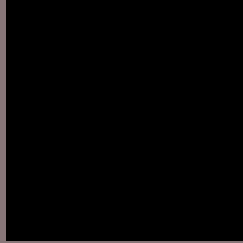
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8877688 Background



This preview shows how black text looks on a background with the Decimal color 8877688.



This preview shows how white text looks on a background with the Decimal color 8877688.

# 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**  
8877688

**Protanopia**  
8157818

**Deuteranopia**  
8877688



**Tritanopia**  
8942974

# Trichromacy



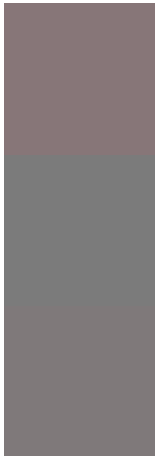
**Original Color**  
8877688

**Protanomaly**  
8419705

**Deuteranomaly**  
8877688

**Tritanomaly**  
8942972

# Monochromacy



**Original Color**  
8877688

**Achromatopsia**  
8092539

**Achromatomaly**  
8354170

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8877688 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 #877678 looks like.

```
.text, #text, p{  
    color:#877678  
}
```

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 #877678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877678  
}
```

## Border

The CSS property to change the border of an element to Decimal 8877688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

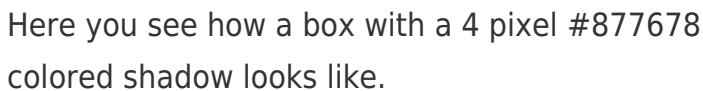
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#877678 }
```

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

```
.border{ border-color:#877678 }
```

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



Here you see how a box with a 4 pixel #877678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877678; -webkit-box-shadow:4px 4px  
4px 4px #877678; box-shadow:4px 4px 4px  
4px #877678 }
```

# Background

The CSS property to change the background color of an element to Decimal 8877688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877678 }
```

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

```
.background{ background-color:#877678 }
```

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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