

# Converting Colors

Decimal(8876925)

Have a look what the booklet for  
Decimal(8876925) contains.

<b>Decimal(8876925)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(8876925)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87737D
RGB	135, 115, 125
RGB Percent	53%, 45%, 49%
CMY	0.4706, 0.5490, 0.5098
CMYK	0.00, 0.15, 0.07, 0.47
HSL	330°, 8%, 49%
HSV	330°, 15%, 53%
XYZ	19.8241, 18.8930, 22.0039
YIQ	122.1200, 8.7100, 7.3500

# Conversions

## Conversions Part 2

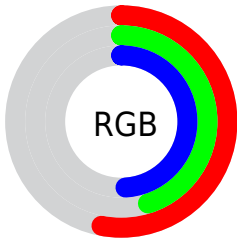
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 115, 125
Decimal	8876925
CIE Lab	50.56, 9.62, -2.60
CIE LCh	51, 9.963, 344.845
Yxy	18.8930, 0.3265, 0.3111
Android (android.graphics.Color)	4287067005 (0xFF87737D)
YUV	122.1200, 1.4198, 11.2958
Hunter-Lab	43.4661, 5.3448, 0.4118

# Details

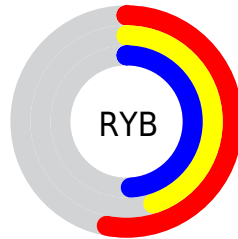
The Decimal color **8876925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7571325**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **12363698**, and **5587788** is the 20% darker color. If you saturate the color by 10%, you get **8873590**, and if you desaturate by 10%, it is **8880516**.

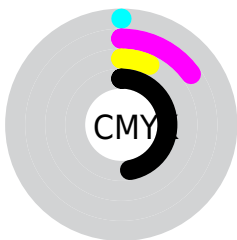
# Distribution



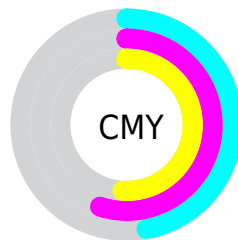
- Red (53%)
- Green (45%)
- Blue (49%)



- Red (53%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8876925 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 8876925 by changing the saturation by 10% instead.





8876925



8876925

16777215



7232100



12363698



5587788



14205645



4074806



16113385



2627616



16776191



1376265



0



8876925



8876925



8873590



8880516



8870000



8883851

8866665

8887441

8863074

8890776

8859739

8894367

8856149

8897702

8852814

8901292

8849223

8904627

8847428

8908218

# Harmonies

## Analogous

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



8353156



8876925



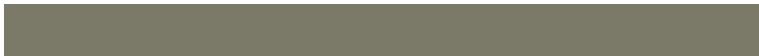
9139060

# Triad

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



8876925



8092008



6585476

# Complementary

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



8876925



7571325

# 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.



6520188



8876925



7437420

# Square

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



8876925



8615528



6847860



6978184

# Rectangle

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



8876925



9073519



6847860



6520194



# Sweetspot

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



8876925



11577772



8221575



5854551



14277081



5855577



# Same Dimension

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



8876925



11571360



8876915



4340799



8519745



196609



# Inverse Universe

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



8876925



11571360



7571335



4340799



8519745



196609



# Previews

## White Background



This preview shows how the Decimal color 8876925 looks on a white background.

## Color Contrast Check

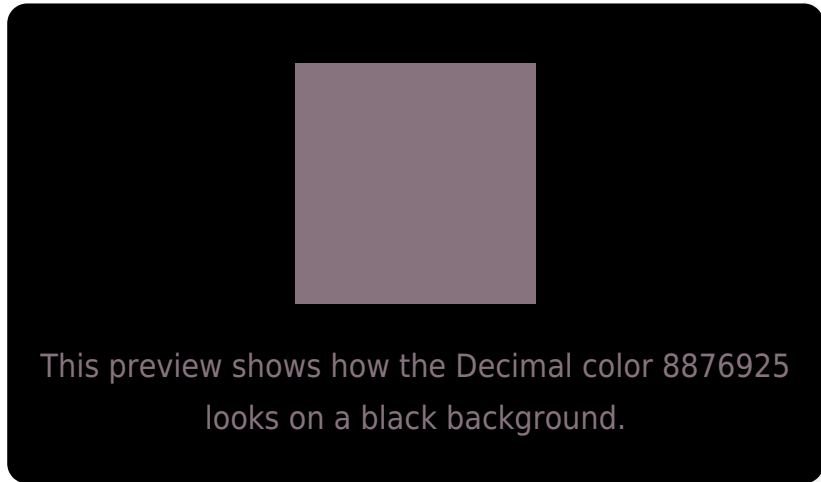
Large Text (above 18pt) WCAG AA ✓ Pass

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

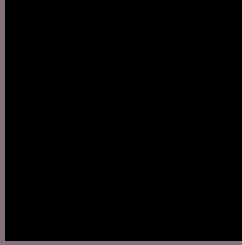
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8876925 Background



This preview shows how black text looks on a background with the Decimal color 8876925.



This preview shows how white text looks on a background with the Decimal color 8876925.

# 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**  
8876925

**Protanopia**  
7895168

**Deuteranopia**  
8549757



**Tritanopia**  
8876924

# Trichromacy



**Original Color**  
8876925

**Protanomaly**  
8222335

**Deuteranomaly**  
8680573

**Tritanomaly**  
8876924

# Monochromacy



**Original Color**  
8876925

**Achromatopsia**  
8026746

**Achromatomaly**  
8353659

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8876925 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 #87737D looks like.

```
.text, #text, p{  
    color:#87737D  
}
```

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 #87737D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87737D
}
```

## Border

The CSS property to change the border of an element to Decimal 8876925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

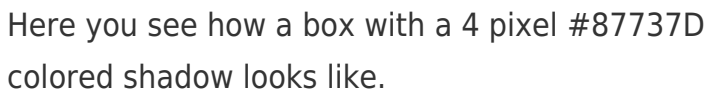
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87737D }
```

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

```
.border{ border-color:#87737D }
```

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



Here you see how a box with a 4 pixel #87737D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87737D; -webkit-box-shadow:4px 4px  
4px 4px #87737D; box-shadow:4px 4px 4px  
4px #87737D }
```

# Background

The CSS property to change the background color of an element to Decimal 8876925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87737D }
```

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

```
.background{ background-color:#87737D }
```

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