

# Converting Colors

Decimal(8286338)

Have a look what the booklet for  
Decimal(8286338) contains.

<b>Decimal(8286338)</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(8286338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7082
RGB	126, 112, 130
RGB Percent	49%, 44%, 51%
CMY	0.5059, 0.5608, 0.4902
CMYK	0.03, 0.14, 0.00, 0.49
HSL	287°, 7%, 47%
HSV	287°, 14%, 51%
XYZ	18.4276, 17.6357, 23.5519
YIQ	118.2380, 2.5660, 8.5660

# Conversions

## Conversions Part 2

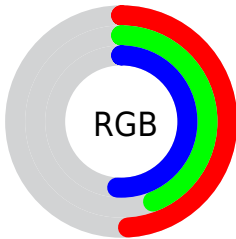
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 112, 130
Decimal	8286338
CIE Lab	49.05, 8.99, -7.90
CIE LCh	49, 11.971, 318.711
Yxy	17.6357, 0.3091, 0.2958
Android (android.graphics.Color)	4286476418 (0xFF7E7082)
YUV	118.2380, 5.7987, 6.8073
Hunter-Lab	41.9948, 4.8360, -3.8551

# Details

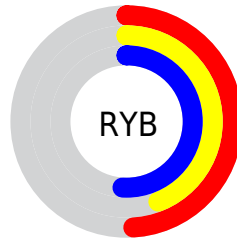
The Decimal color **8286338** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7635568**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **11773111**, and **5062737** is the 20% darker color. If you saturate the color by 10%, you get **8086402**, and if you desaturate by 10%, it is **8486274**.

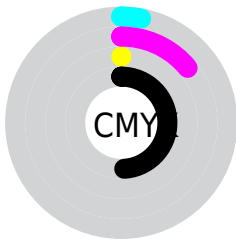
# Distribution



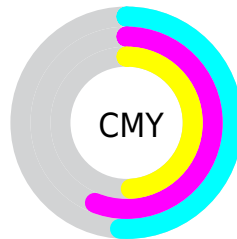
- Red (49%)
- Green (44%)
- Blue (51%)



- Red (49%)
- Yellow (44%)
- Blue (51%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (56%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8286338 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 8286338 by changing the saturation by 10% instead.





8286338



8286338

16777215



6641769



11773111



5062737



13549523



3549754



15391727



2168356



16775167



393231



0



8286338



8286338



8086402



8486274



7886466



8686210

7686530

8886146

7486594

9086082

7352194

9220482

7152258

9420418

6952322

9620354

6752386

9820290

6619266

10020226

# Harmonies

## Analogous

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



7500680



8286338



8875641

# Triad

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



8286338



8418145



5929595

# Complementary

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



8286338



7635568

# 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.



6322800



8286338



7763553

# Square

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



8286338



8941414



6977895



6060419

# Rectangle

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



8286338



9072242



6977895



5995383



# Sweetspot

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



8286338



10986152



7369858



5460052



13948116



5526612



# Same Dimension

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



8286338



10652840



8548477



4077888



6488192



0



# Inverse Universe

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



8548468



11046034



7373429



4208955



8388636



0



# Previews

## White Background



This preview shows how the Decimal color 8286338 looks on a white 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

# Black Background



This preview shows how the Decimal color 8286338 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

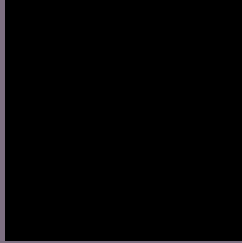
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8286338 Background



This preview shows how black text looks on a background with the Decimal color 8286338.



This preview shows how white text looks on a background with the Decimal color 8286338.

# 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**  
8286338

**Protanopia**  
7500932

**Deuteranopia**  
8024450



**Tritanopia**  
8221050

# Trichromacy



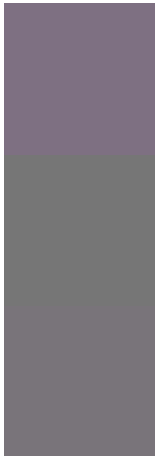
**Original Color**  
8286338

**Protanomaly**  
7762819

**Deuteranomaly**  
8089986

**Tritanomaly**  
8221053

# Monochromacy



**Original Color**  
8286338

**Achromatopsia**  
7763574

**Achromatomaly**  
7959674

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8286338 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 #7E7082 looks like.

```
.text, #text, p{  
    color:#7E7082  
}
```

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 #7E7082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7082
}
```

## Border

The CSS property to change the border of an element to Decimal 8286338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

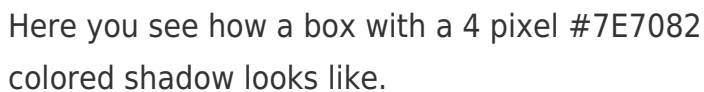
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E7082 }
```

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

```
.border{ border-color:#7E7082 }
```

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



Here you see how a box with a 4 pixel #7E7082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7082; -webkit-box-shadow:4px 4px  
4px 4px #7E7082; box-shadow:4px 4px 4px  
4px #7E7082 }
```

# Background

The CSS property to change the background color of an element to Decimal 8286338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7082 }
```

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

```
.background{ background-color:#7E7082 }
```

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