

# Converting Colors

Decimal(8337228)

Have a look what the booklet for  
Decimal(8337228) contains.

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**Color**

**Decimal(8337228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F374C
RGB	127, 55, 76
RGB Percent	50%, 22%, 30%
CMY	0.5020, 0.7843, 0.7020
CMYK	0.00, 0.57, 0.40, 0.50
HSL	342°, 40%, 36%
HSV	342°, 57%, 50%
XYZ	11.4231, 7.7662, 7.7344
YIQ	78.9220, 36.1710, 21.7950

# Conversions

## Conversions Part 2

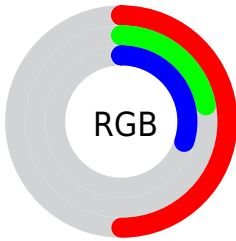
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 55, 76
Decimal	8337228
CIE Lab	33.49, 33.42, 2.50
CIE LCh	33, 33.516, 4.277
Yxy	7.7662, 0.4243, 0.2885
Android (android.graphics.Color)	4286527308 (0xFF7F374C)
YUV	78.9220, -1.4405, 42.1644
Hunter-Lab	27.8679, 24.3985, 3.0522

# Details

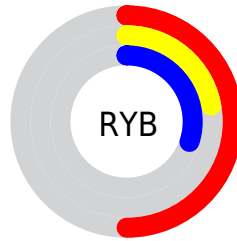
The Decimal color **8337228** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3637098**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **11954557**, and **4850464** is the 20% darker color. If you saturate the color by 10%, you get **8333891**, and if you desaturate by 10%, it is **8340565**.

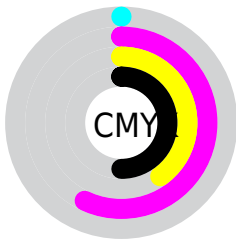
# Distribution



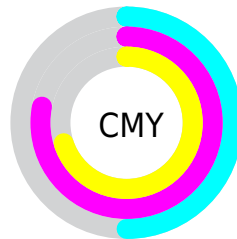
- Red (50%)
- Green (22%)
- Blue (30%)



- Red (50%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (57%)
- Yellow (40%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8337228 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 8337228 by changing the saturation by 10% instead.



8337228

8337228

16777215

6561589

11954557

4850464

13861783

3342344

15769009

917504

16759245

0

16766441

16773631

8337228

8337228

8333891

8340565

8330810

8343646

8327473

8346983

8324136

8350320

8323109

8353657

8356738

8360075

8363412

8366493

# Harmonies

## Analogous

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



7486566



8337228



8207154

# Triad

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



8337228



4085280



22654

# Complementary

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



8337228



3637098

# 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.



23404



8337228



1464887

# Square

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



8337228



5918486



23634



2117764

# Rectangle

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



8337228



7684644



23634



22905



# Sweetspot

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



8337228



10914450



6895487



5522248



13948116



5526612



# Same Dimension

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



8337228



10892630



8340791



4208955



8388645



0



# Inverse Universe

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



8337228



10892630



3633535



4208955



8388645

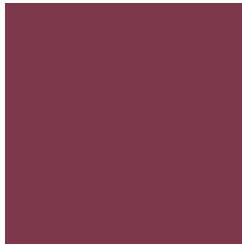


0



# Previews

## White Background



This preview shows how the Decimal color 8337228 looks on a white background.

## Color Contrast Check

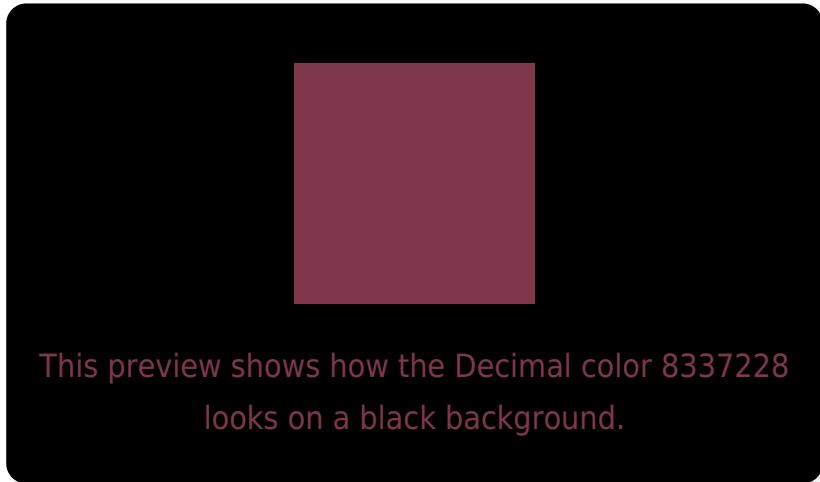
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

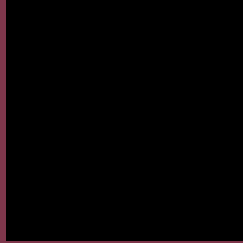
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8337228 Background



This preview shows how black text looks on a background with the Decimal color 8337228.



This preview shows how white text looks on a background with the Decimal color 8337228.

# 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**  
8337228

**Protanopia**  
5132122

**Deuteranopia**  
5918025



**Tritanopia**  
8272446

# Trichromacy



**Original Color**  
8337228

**Protanomaly**  
6309461

**Deuteranomaly**  
6767946

**Tritanomaly**  
8272195

# Monochromacy



**Original Color**  
8337228

**Achromatopsia**  
5197647

**Achromatomaly**  
6309454

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8337228 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 #7F374C looks like.

```
.text, #text, p{  
  color:#7F374C  
}
```

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 #7F374C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F374C
}
```

## Border

The CSS property to change the border of an element to Decimal 8337228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

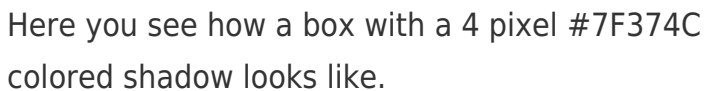
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F374C }
```

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

```
.border{ border-color:#7F374C }
```

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



Here you see how a box with a 4 pixel #7F374C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F374C; -webkit-box-shadow:4px 4px  
4px 4px #7F374C; box-shadow:4px 4px 4px  
4px #7F374C }
```

# Background

The CSS property to change the background color of an element to Decimal 8337228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F374C }
```

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

```
.background{ background-color:#7F374C }
```

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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