

# Converting Colors

Decimal(8800328)

Have a look what the booklet for  
Decimal(8800328) contains.

<b>Decimal(8800328)</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(8800328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	864848
RGB	134, 72, 72
RGB Percent	53%, 28%, 28%
CMY	0.4745, 0.7176, 0.7176
CMYK	0.00, 0.46, 0.46, 0.47
HSL	0°, 30%, 40%
HSV	0°, 46%, 53%
XYZ	13.3186, 10.1709, 7.3921
YIQ	90.5380, 36.9520, 13.1440

# Conversions

## Conversions Part 2

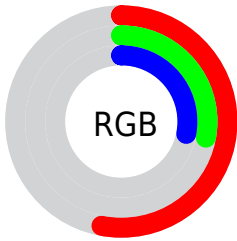
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 72, 72
Decimal	8800328
CIELab	38.15, 26.31, 11.77
CIElCh	38, 28.821, 24.100
Yxy	10.1709, 0.4313, 0.3294
Android (android.graphics.Color)	4286990408 (0xFF864848)
YUV	90.5380, -9.1392, 38.1162
Hunter-Lab	31.8919, 18.7336, 8.5817

# Details

The Decimal color **8800328** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4753030**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **12483192**, and **5314845** is the 20% darker color. If you saturate the color by 10%, you get **8796987**, and if you desaturate by 10%, it is **8803669**.

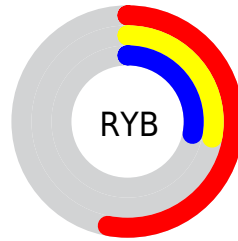
# Distribution



Red (53%)

Green (28%)

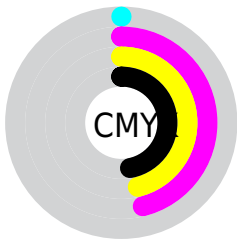
Blue (28%)



Red (53%)

Yellow (28%)

Blue (28%)

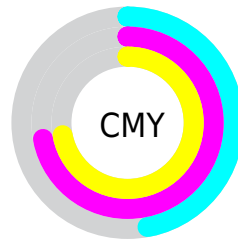


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8800328 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 8800328 by changing the saturation by 10% instead.



8800328

8800328

16777215

7024690

12483192

5314845

14324882

3670531

16297901

2097153

16763592

0

16771044

8800328

8800328

8796987

8803669

8793389

8807267

8790048

8810608

8786450

8814206

8783109

8817547

8781824

8820888

8824486

8827827

8831425

# Harmonies

## Analogous

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



8603487



8800328



8212277

# Triad

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



8800328



3826494



2711176

# Complementary

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



8800328



4753030

# 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.



25471



8800328



1009236

# Square

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



8800328



5594670



26220



5592452

# Rectangle

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



8800328



7558189



26220



1138822



# Sweetspot

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



8800328



11376021



8800390



5720136



14079702



5723991



# Same Dimension

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



8800328



11357260



8808264



4340796



8519680



196608



# Inverse Universe

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



4753030



5025197



4745094



3949122



33410

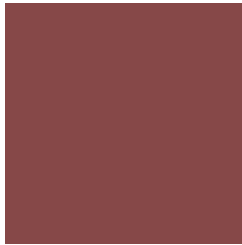


771



# Previews

## White Background



This preview shows how the Decimal color 8800328 looks on a white background.

## Color Contrast Check

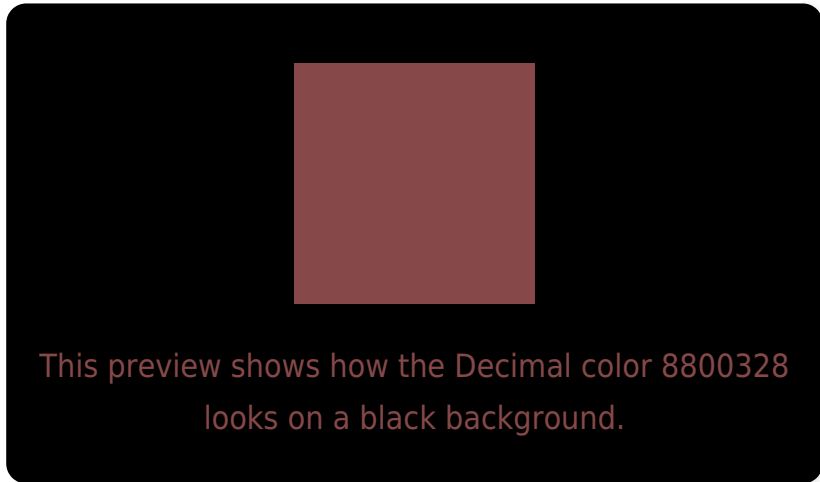
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

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



## Decimal 8800328 Background



This preview shows how black text looks on a background with the Decimal color 8800328.



This preview shows how white text looks on a background with the Decimal color 8800328.

# 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**  
8800328

**Protanopia**  
6183505

**Deuteranopia**  
6969157



**Tritanopia**  
8800076

# Trichromacy



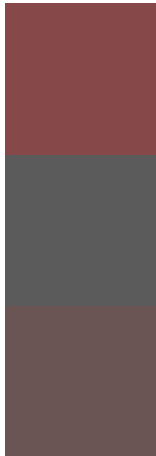
**Original Color**  
8800328

**Protanomaly**  
7164750

**Deuteranomaly**  
7623238

**Tritanomaly**  
8800075

# Monochromacy



**Original Color**  
8800328

**Achromatopsia**  
5987163

**Achromatomaly**  
7033940

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8800328 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 #864848 looks like.

```
.text, #text, p{  
  color:#864848  
}
```

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 #864848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864848
}
```

## Border

The CSS property to change the border of an element to Decimal 8800328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

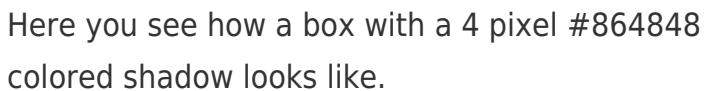
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#864848 }
```

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

```
.border{ border-color:#864848 }
```

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



Here you see how a box with a 4 pixel #864848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864848; -webkit-box-shadow:4px 4px  
4px 4px #864848; box-shadow:4px 4px 4px  
4px #864848 }
```

# Background

The CSS property to change the background color of an element to Decimal 8800328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864848 }
```

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

```
.background{ background-color:#864848 }
```

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