

# Converting Colors

Decimal(8727616)

Have a look what the booklet for  
Decimal(8727616) contains.

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**Color**

**Decimal(8727616)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	852C40
RGB	133, 44, 64
RGB Percent	52%, 17%, 25%
CMY	0.4784, 0.8275, 0.7490
CMYK	0.00, 0.67, 0.52, 0.48
HSL	347°, 50%, 35%
HSV	347°, 67%, 52%
XYZ	11.4990, 7.1581, 5.6261
YIQ	72.8910, 46.6240, 25.0880

# Conversions

## Conversions Part 2

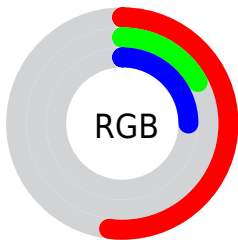
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 44, 64</a>
Decimal	<a href="#">8727616</a>
CIELab	<a href="#">32.16, 39.69, 8.55</a>
CIElCh	<a href="#">32, 40.598, 12.156</a>
Yxy	<a href="#">7.1581, 0.4735, 0.2948</a>
Android (android.graphics.Color)	<a href="#">4286917696 (0xFF852C40)</a>
YUV	<a href="#">72.8910, -4.3833, 52.7156</a>
Hunter-Lab	<a href="#">26.7546, 29.8977, 6.2604</a>

# Details

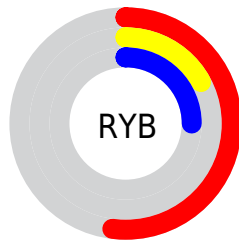
The Decimal color **8727616** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2917745**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **12476272**, and **5111830** is the 20% darker color. If you saturate the color by 10%, you get **8724278**, and if you desaturate by 10%, it is **8730954**.

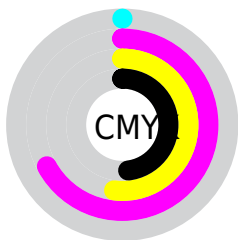
# Distribution



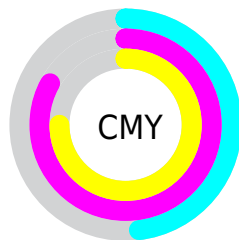
- Red (52%)
- Green (17%)
- Blue (25%)



- Red (52%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (52%)
- Black (48%)



- Cyan (48%)
- Magenta (83%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8727616 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 8727616 by changing the saturation by 10% instead.



8727616

8727616

16777215

6885418

12476272

5111830

14383497

3538945

16356515

983040

16756670

0

16763866

16771318

8727616

8727616

8724278

8730954

8720683

8734549

8717345

8737887

8716318

8741225

8744820

8748158

8751496

8754834

8758429

# Harmonies

## Analogous

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



8073312



8727616



8271394

# Triad

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



8727616



2839832



21640

# Complementary

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



8727616



2917745

# 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.



22902



8727616



22839

# Square

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



8727616



5197314



23384



2050954

# Rectangle

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



8727616



7487249



23384



22404



# Sweetspot

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



8727616



11373459



7351429



5718599



14079702



5723991



# Same Dimension

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



8727616



11346754



8733740



4340797



8519709



196609



# Inverse Universe

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



8727616



11346754



2911621



4340797



8519709

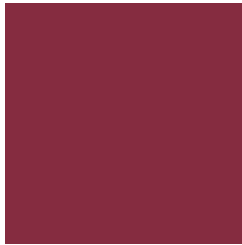


196609



# Previews

## White Background



This preview shows how the Decimal color 8727616 looks on a white background.

## Color Contrast Check

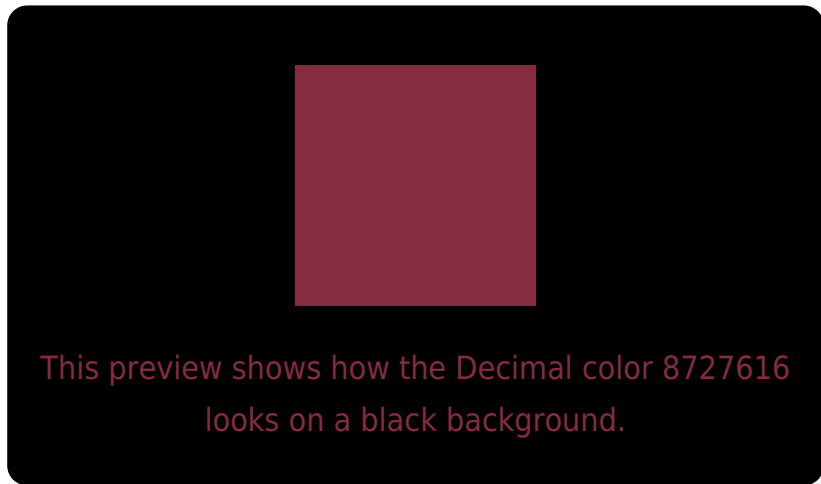
Large Text (above 18pt) WCAG AA ✓ Pass

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

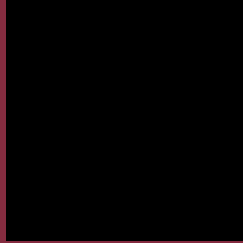
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8727616 Background



This preview shows how black text looks on a background with the Decimal color 8727616.



This preview shows how white text looks on a background with the Decimal color 8727616.

# 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**  
8727616

**Protanopia**  
5065809

**Deuteranopia**  
5917244



# Trichromacy



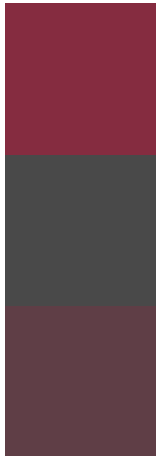
**Original Color**  
8727616

**Protanomaly**  
6373451

**Deuteranomaly**  
6963005

**Tritanomaly**  
8662583

# Monochromacy



**Original Color**  
8727616

**Achromatopsia**  
4802889

**Achromatomaly**  
6241862

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8727616 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 #852C40 looks like.

```
.text, #text, p{  
    color:#852C40  
}
```

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 #852C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #852C40
}
```

## Border

The CSS property to change the border of an element to Decimal 8727616 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
#852C40 }
```

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

```
.border{ border-color:#852C40 }
```

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

Here you see how a box with a 4 pixel #852C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #852C40; -webkit-box-shadow:4px 4px  
4px 4px #852C40; box-shadow:4px 4px 4px  
4px #852C40 }
```

# Background

The CSS property to change the background color of an element to Decimal 8727616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#852C40 }
```

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

```
.background{ background-color:#852C40 }
```

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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