

# Converting Colors

Hex(827376)

Have a look what the booklet for  
Hex(827376) contains.

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# Color

**Hex(827376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827376
RGB	130, 115, 118
RGB Percent	51%, 45%, 46%
CMY	0.4902, 0.5490, 0.5373
CMYK	0.00, 0.12, 0.09, 0.49
HSL	348°, 6%, 48%
HSV	348°, 12%, 51%
XYZ	18.6067, 18.3153, 19.6941
YIQ	119.8270, 7.9770, 4.1130

# Conversions

## Conversions Part 2

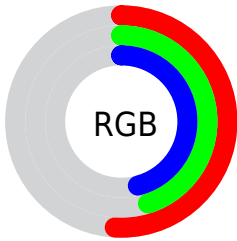
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 115, 118
Decimal	8549238
CIE <sub>Lab</sub>	49.88, 6.37, 0.47
CIE <sub>LCh</sub>	50, 6.390, 4.246
Yxy	18.3153, 0.3286, 0.3235
Android (android.graphics.Color)	4286739318 (0xFF827376)
YUV	119.8270, -0.9007, 8.9217
Hunter-Lab	42.7964, 2.7132, 2.6733

# Details

The Hex color **827376** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73827F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B7A7AA**, and **514346** is the 20% darker color. If you saturate the color by 10%, you get **82666C**, and if you desaturate by 10%, it is **828080**.

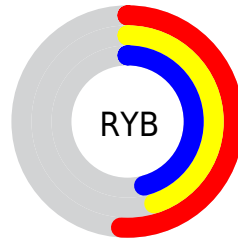
# Distribution



Red (51%)

Green (45%)

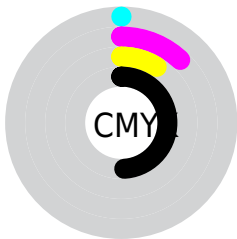
Blue (46%)



Red (51%)

Yellow (45%)

Blue (46%)

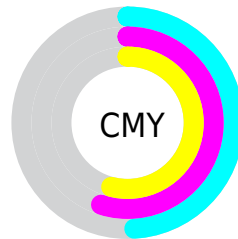


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (49%)



Cyan (49%)

Magenta (55%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827376 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 Hex color 827376 by changing the saturation by 10% instead.



 827376

 827376

FFFFFF

 695A5D

 B7A7AA

 514346

 D3C2C5

 3A2D30

 EFDEE1

 24181B

 FFFBFE

 0F0000

 000000

 827376

 827376

 82666C

 828080

 825961

 828D8B

824C57

829A95

823F4C

82A7A0

823242

82B4AA

822538

82C1B4

82182D

82CEBF

820B23

82DBC9

82001A

82E8D4

# Harmonies

## Analogous

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



7F747B



827376



827371

# Triad

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



827376



74786E



6C7880

# Complementary

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



827376



73827F

# 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.



697A7C



827376



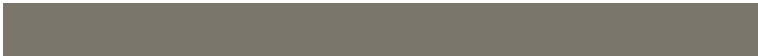
6E7972

# Square

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



827376



7A766C



6A7A77



727781

# Rectangle

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



827376



81746E



6A7A77



6B797F



# Sweetspot

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



827376



A8A3A4



7F7382



545151



D4D4D4



545454



# Same Dimension

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



827376



A89195



827873



40393B



80001A



000000



# Inverse Universe

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



827376



A89195



737E82



40393B



80001A



000000



# Previews

## White Background



This preview shows how the Hex color 827376 looks on a white background.

## Color Contrast Check

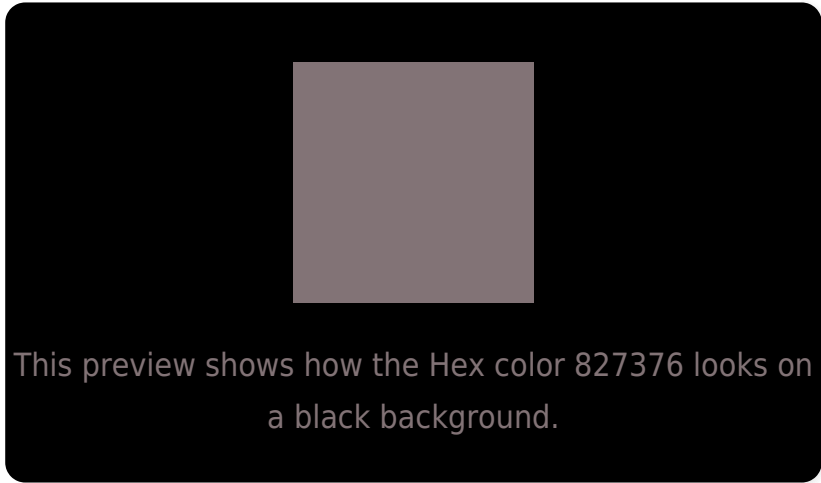
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

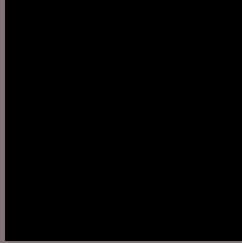
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827376 Background



This preview shows how black text looks on a background with the Hex color 827376.



This preview shows how white text looks on a background with the Hex color 827376.

# 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**  
827376

**Protanopia**  
787678

**Deuteranopia**  
827376



**Tritanopia**  
83727B

# Trichromacy



**Original Color**  
827376

**Protanomaly**  
7C7577

**Deuteranomaly**  
827376

**Tritanomaly**  
837279

# Monochromacy



**Original Color**  
827376

**Achromatopsia**  
787878

**Achromatomaly**  
7C7677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827376 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 #827376 looks like.

```
.text, #text, p{  
    color:#827376  
}
```

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 #827376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827376  
}
```

## Border

The CSS property to change the border of an element to Hex 827376 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".

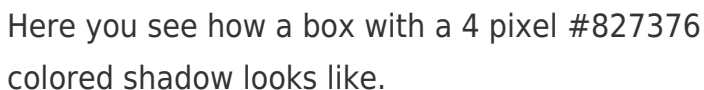
```
.border, #border, table{ border:4px solid  
#827376 }
```

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

```
.border{ border-color:#827376 }
```

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

Here you see how a box with a 4 pixel #827376 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827376; -webkit-box-shadow:4px 4px  
4px 4px #827376; box-shadow:4px 4px 4px  
4px #827376 }
```

# Background

The CSS property to change the background color of an element to Hex 827376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827376 }
```

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

```
.background{ background-color:#827376 }
```

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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