

# Converting Colors

Hex(927273)

Have a look what the booklet for  
Hex(927273) contains.

<b>Hex(927273)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(927273)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	927273
RGB	146, 114, 115
RGB Percent	57%, 45%, 45%
CMY	0.4275, 0.5529, 0.5490
CMYK	0.00, 0.22, 0.21, 0.43
HSL	358°, 13%, 51%
HSV	358°, 22%, 57%
XYZ	20.9659, 19.3834, 18.8560
YIQ	123.6820, 18.7510, 7.0950

# Conversions

## Conversions Part 2

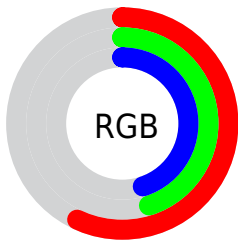
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 114, 115
Decimal	9597555
CIE <sub>Lab</sub>	51.13, 12.74, 4.27
CIE <sub>LCh</sub>	51, 13.438, 18.515
Yxy	19.3834, 0.3541, 0.3274
Android (android.graphics.Color)	4287787635 (0xFF927273)
YUV	123.6820, -4.2802, 19.5729
Hunter-Lab	44.0266, 7.9568, 5.4255

# Details

The Hex color **927273** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **729291**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C8A6A7**, and **5F4243** is the 20% darker color. If you saturate the color by 10%, you get **926365**, and if you desaturate by 10%, it is **928181**.

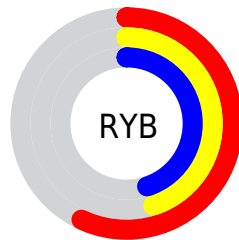
# Distribution



Red (57%)

Green (45%)

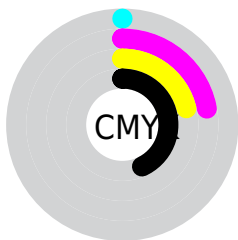
Blue (45%)



Red (57%)

Yellow (45%)

Blue (45%)

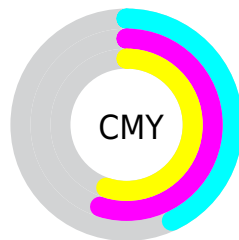


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (43%)



Cyan (43%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 927273 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 927273 by changing the saturation by 10% instead.



 927273

 927273

FFFFFF

 78595A

 C8A6A7

 5F4243

 E5C1C2

 472C2D

 FFDDDE

 2F1718

 FFFAFA

 1D0000

 000000

 927273

 927273

 926365

 928181

 925557

 928F8F

924649

929E9D

92383A

92ACAC

92292C

92BBBA

921A1E

92CAC8

920C10

92D8D6

920005

92E7E4

92F5F2

# Harmonies

## Analogous

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



8E727F



927273



8F7469

# Triad

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



927273



6E7E6A



687C90

# Complementary

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



927273



729291

# 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.



5D7F8B



927273



628075

# Square

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



927273



7B7B64



5C8081



76788F

# Rectangle

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



927273



8A7665



5C8081



637D8F



# Sweetspot

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



927273



BDAFB0



917292



5E5757



DEDEDE



5E5E5E



# Same Dimension

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



927273



BD8C8D



928172



4A4343



8A0004



0A0000



# Inverse Universe

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



927273



BD8C8D



728392



4A4343



8A0004



0A0000



# Previews

## White Background



This preview shows how the Hex color 927273 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

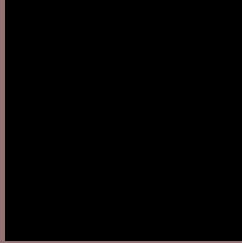
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 927273 Background



This preview shows how black text looks on a background with the Hex color 927273.



This preview shows how white text looks on a background with the Hex color 927273.

# 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**  
927273

**Protanopia**  
7D7977

**Deuteranopia**  
897672



**Tritanopia**  
93717A

# Trichromacy



**Original Color**  
927273

**Protanomaly**  
857676

**Deuteranomaly**  
8C7572

**Tritanomaly**  
937177

# Monochromacy



**Original Color**  
927273

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
847879

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 927273 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 #927273 looks like.

```
.text, #text, p{  
    color:#927273  
}
```

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 #927273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #927273  
}
```

## Border

The CSS property to change the border of an element to Hex 927273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

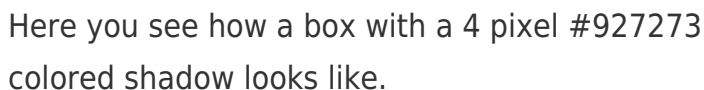
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#927273 }
```

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

```
.border{ border-color:#927273 }
```

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



Here you see how a box with a 4 pixel #927273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #927273; -webkit-box-shadow:4px 4px  
4px 4px #927273; box-shadow:4px 4px 4px  
4px #927273 }
```

# Background

The CSS property to change the background color of an element to Hex 927273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#927273 }
```

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

```
.background{ background-color:#927273 }
```

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