

# Converting Colors

Hex(787173)

Have a look what the booklet for  
Hex(787173) contains.

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# Color

**Hex(787173)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 787173                    |
| RGB           | 120, 113, 115             |
| RGB Percent   | 47%, 44%, 45%             |
| CMY           | 0.5294, 0.5569, 0.5490    |
| CMYK          | 0.00, 0.06, 0.04, 0.53    |
| HSL           | 343°, 3%, 46%             |
| HSV           | 343°, 6%, 47%             |
| XYZ           | 16.7454, 17.0411, 18.6263 |
| YIQ           | 115.3210, 3.5300, 2.1060  |

# Conversions

## Conversions Part 2

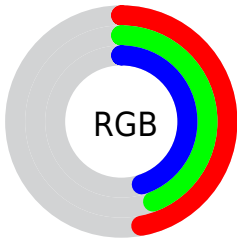
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 120, 113, 115                |
| Decimal                             | 7893363                      |
| CIE <sub>Lab</sub>                  | 48.31, 3.09, -0.14           |
| CIE <sub>LCh</sub>                  | 48, 3.097, 357.369           |
| Yxy                                 | 17.0411, 0.3195,<br>0.3251   |
| Android<br>(android.graphics.Color) | 4286083443<br>(0xFF787173)   |
| YUV                                 | 115.3210, -0.1583,<br>4.1035 |
| Hunter-Lab                          | 41.2809, 0.1660,<br>2.1444   |

# Details

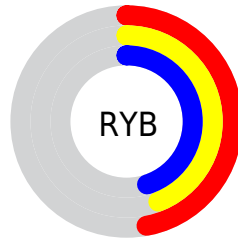
The Hex color **787173** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **717876**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **ACA5A7**, and **484143** is the 20% darker color. If you saturate the color by 10%, you get **78656A**, and if you desaturate by 10%, it is **787D7C**.

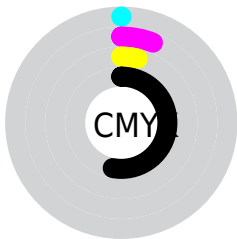
# Distribution



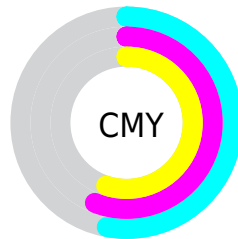
- Red (47%)
- Green (44%)
- Blue (45%)



- Red (47%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787173 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 787173 by changing the saturation by 10% instead.



■ 787173

■ 787173

FFFFFF

■ 5F595A

■ ACA5A7

■ 484143

■ C8C0C2

■ 312B2D

■ E4DCDE

■ 1C1718

■ FFF8FA

■ 000000

■ 787173

■ 787173

■ 78656A

■ 787D7C

■ 785962

■ 788984

■ 784D59

■ 78958D

784151

78A195

783548

78AD9E

782940

78B9A6

781D37

78C5AF

78112E

78D1B8

780526

78DDC0

# Harmonies

## Analogous

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



767176



787173



797170

# Triad

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



787173



72736E



6D7477

# Complementary

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



787173



717876

# 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.



6C7475



787173



6F7470

# Square

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



787173



75726E



6D7472



707378

# Rectangle

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



787173



78716F



6D7472



6D7476



# Sweetspot

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



787173



9C9899



767178



4F4D4E



CFCFCF



4F4F4F



# Same Dimension

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



787173



9C9194



787271



3D383A



7D0024



FC0048



# Inverse Universe

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



787173



9C9194



717778



3D383A



7D0024



FC0048



# Previews

## White Background



This preview shows how the Hex color 787173 looks on a white background.

## Color Contrast Check

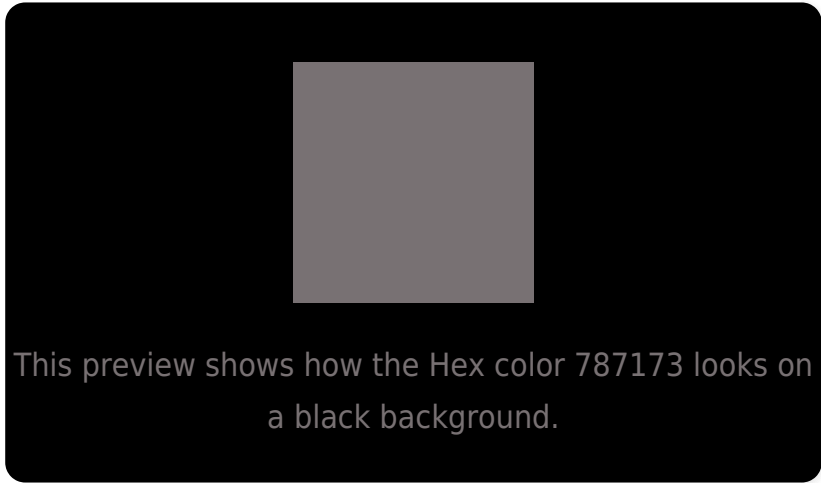
Large Text (above 18pt) WCAG AA ✓ Pass

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

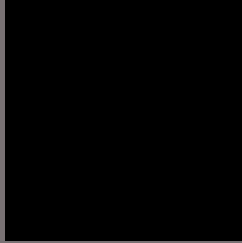
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

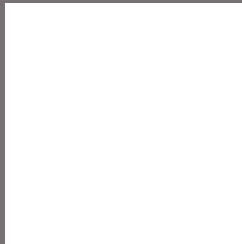
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 787173 Background



This preview shows how black text looks on a background with the Hex color 787173.



This preview shows how white text looks on a background with the Hex color 787173.

# 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**  
787173

**Protanopia**  
747274

**Deuteranopia**  
7D6F73



**Tritanopia**  
797079

# Trichromacy



**Original Color**  
787173

**Protanomaly**  
757274

**Deuteranomaly**  
7B7073

**Tritanomaly**  
797077

# Monochromacy



**Original Color**  
787173

**Achromatopsia**  
737373

**Achromatomaly**  
757273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787173 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 #787173 looks like.

```
.text, #text, p{  
    color:#787173  
}
```

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 #787173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787173
}
```

## Border

The CSS property to change the border of an element to Hex 787173 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
#787173 }
```

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

```
.border{ border-color:#787173 }
```

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

Here you see how a box with a 4 pixel #787173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787173; -webkit-box-shadow:4px 4px  
4px 4px #787173; box-shadow:4px 4px 4px  
4px #787173 }
```

# Background

The CSS property to change the background color of an element to Hex 787173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787173 }
```

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

```
.background{ background-color:#787173 }
```

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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