

# Converting Colors

Hex(807172)

Have a look what the booklet for  
Hex(807172) contains.

<b>Hex(807172)</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(807172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807172
RGB	128, 113, 114
RGB Percent	50%, 44%, 45%
CMY	0.4980, 0.5569, 0.5529
CMYK	0.00, 0.12, 0.11, 0.50
HSL	356°, 6%, 47%
HSV	356°, 12%, 50%
XYZ	17.8445, 17.6144, 18.3790
YIQ	117.5990, 8.6190, 3.4910

# Conversions

## Conversions Part 2

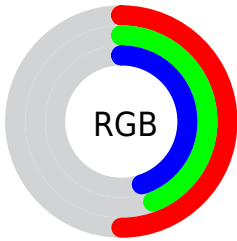
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 113, 114
Decimal	8417650
CIE <sub>Lab</sub>	49.02, 6.02, 1.58
CIE <sub>LCh</sub>	49, 6.227, 14.710
Yxy	17.6144, 0.3314, 0.3272
Android (android.graphics.Color)	4286607730 (0xFF807172)
YUV	117.5990, -1.7743, 9.1217
Hunter-Lab	41.9695, 2.4477, 3.4147

# Details

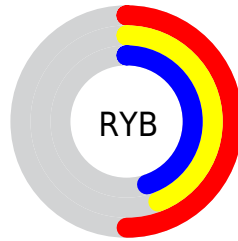
The Hex color **807172** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71807F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B5A5A6**, and **4F4142** is the 20% darker color. If you saturate the color by 10%, you get **806466**, and if you desaturate by 10%, it is **807E7E**.

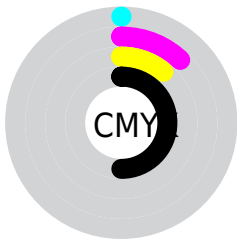
# Distribution



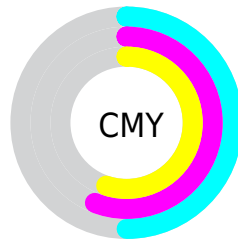
- Red (50%)
- Green (44%)
- Blue (45%)



- Red (50%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807172 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 807172 by changing the saturation by 10% instead.



 807172

 807172

FFFFFF

 67595A

 B5A5A6

 4F4142

 D0C0C1

 382B2C

 EDDCDD

 221718

 FFF8F9

 050000

 000000

 807172

 807172

 806466

 807E7E

 80575A

 808B8A

804B4E

809796

803E42

80A4A2

803136

80B1AE

80242A

80BEBA

80171E

80CBC6

800B12

80D7D2

800009

80E4DE

# Harmonies

## Analogous

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



7E7177



807172



7F726D

# Triad

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



807172



70766D



6C767E

# Complementary

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



807172



71807F

# 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.



68777C



807172



6B7772

# Square

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



807172



76756A



687877



72747F

# Rectangle

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



807172



7D736B



687877



6B767E



# Sweetspot

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



807172



A69FA0



7F7180



545050



D4D4D4



545454



# Same Dimension

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



807172



A68F90



807771



40393A



800009



000000



# Inverse Universe

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



807172



A68F90



717A80



40393A



800008



000000



# Previews

## White Background



This preview shows how the Hex color 807172 looks on a white background.

## Color Contrast Check

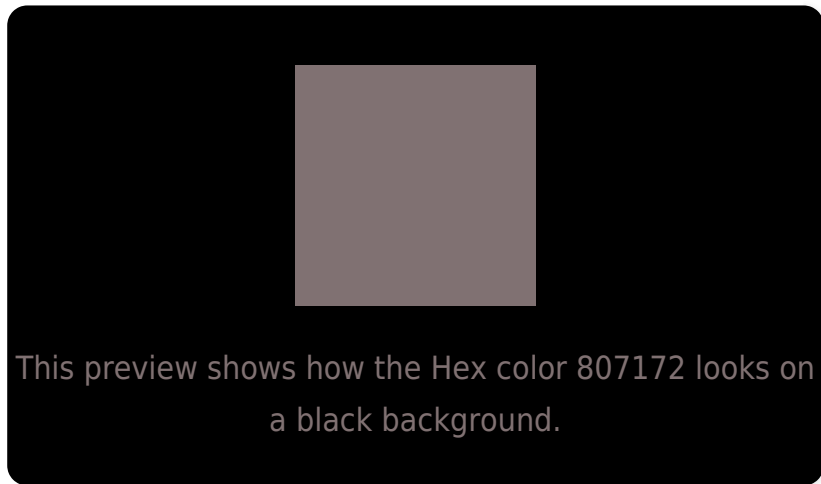
Large Text (above 18pt) WCAG AA ✓ Pass

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

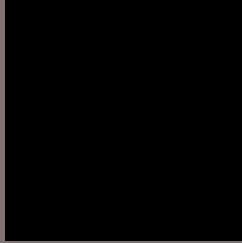
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 807172 Background



This preview shows how black text looks on a background with the Hex color 807172.



This preview shows how white text looks on a background with the Hex color 807172.

# 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**  
807172

**Protanopia**  
777474

**Deuteranopia**  
817172



**Tritanopia**  
817079

# Trichromacy



**Original Color**  
807172

**Protanomaly**  
7A7373

**Deuteranomaly**  
817172

**Tritanomaly**  
817076

# Monochromacy



**Original Color**  
807172

**Achromatopsia**  
767676

**Achromatomaly**  
7A7475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807172 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 #807172 looks like.

```
.text, #text, p{  
    color:#807172  
}
```

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 #807172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807172  
}
```

## Border

The CSS property to change the border of an element to Hex 807172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

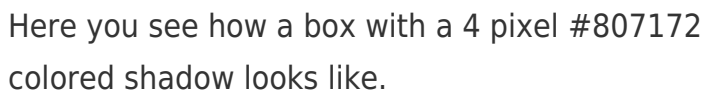
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#807172 }
```

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

```
.border{ border-color:#807172 }
```

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



Here you see how a box with a 4 pixel #807172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807172; -webkit-box-shadow:4px 4px  
4px 4px #807172; box-shadow:4px 4px 4px  
4px #807172 }
```

# Background

The CSS property to change the background color of an element to Hex 807172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807172 }
```

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

```
.background{ background-color:#807172 }
```

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