

# Converting Colors

Hex(A87173)

Have a look what the booklet for  
Hex(A87173) contains.

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**Color**

**Hex(A87173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A87173
RGB	168, 113, 115
RGB Percent	66%, 44%, 45%
CMY	0.3412, 0.5569, 0.5490
CMYK	0.00, 0.33, 0.32, 0.34
HSL	358°, 24%, 55%
HSV	358°, 33%, 66%
XYZ	25.1481, 21.3729, 19.0196
YIQ	129.6730, 32.1380, 12.2820

# Conversions

## Conversions Part 2

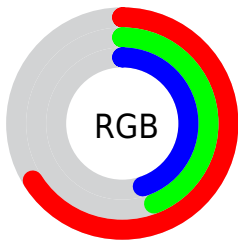
Format	Color
R <sub>Y</sub> B	168, 113, 115
Decimal	11039091
CIE <sub>Lab</sub>	53.36, 22.05, 7.78
CIE <sub>LCh</sub>	53, 23.377, 19.432
Y <sub>xy</sub>	21.3729, 0.3837, 0.3261
Android (android.graphics.Color)	4289229171 (0xFFFA87173)
YUV	129.6730, -7.2338, 33.6128
Hunter-Lab	46.2308, 16.1943, 7.9694

# Details

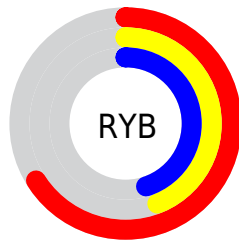
The Hex color **A87173** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **71A8A6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E0A5A7**, and **724043** is the 20% darker color. If you saturate the color by 10%, you get **A86063**, and if you desaturate by 10%, it is **A88283**.

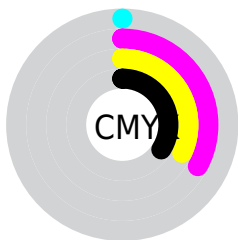
# Distribution



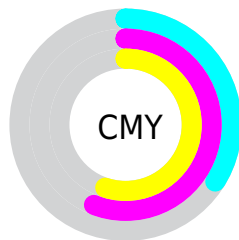
- Red (66%)
- Green (44%)
- Blue (45%)



- Red (66%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (32%)
- Black (34%)



- Cyan (34%)
- Magenta (56%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87173 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 A87173 by changing the saturation by 10% instead.



 A87173

 A87173

FFFFFF

 8D585A

 E0A5A7

 724043

 FEC1C2

 59292D

 FFDDDE

 401318

 FFF9FA

 2A0000

 000000

 A87173

 A87173

 A86063

 A88283

 A84F53

 A89393

 A83F42

 A8A3A4

 A82E32

 A8B4B4

 A81D22

 A8C5C4

 A80C12

 A8D6D4

 A80006

 A8E7E4

 A8F7F5

 A8FFFF

# Harmonies

## Analogous

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



A37187



A87173



A27562

# Triad

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



A87173



698765



5B83A7

# Complementary

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



A87173



71A8A6

# 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.



44889D



A87173



528A77

# Square

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



A87173



808259



428B8C



797DA5

# Rectangle

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



A87173



9A795A



428B8C



5285A5



# Sweetspot

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



A87173



DBC5C6



A571A8



6E6061



EDEDED



6E6E6E



# Same Dimension

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



A87173



DB8689



A88A71



544C4C



940005



140001



# Inverse Universe

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



A87173



DB8689



718FA8



544C4C



940005

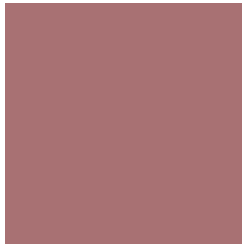


140001



# Previews

## White Background



This preview shows how the Hex color A87173 looks on a white background.

## Color Contrast Check

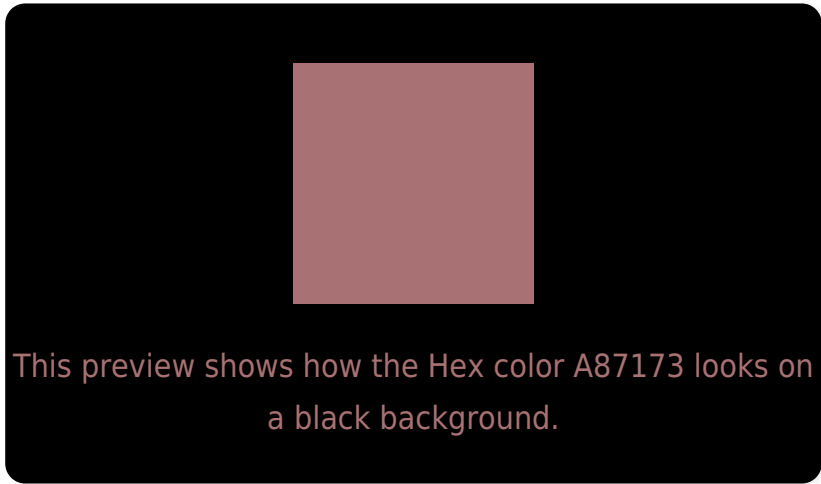
Large Text (above 18pt) WCAG AA ✓ Pass

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

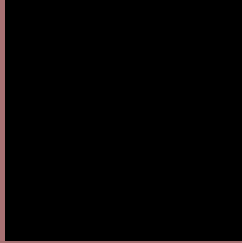
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A87173 Background



This preview shows how black text looks on a background with the Hex color A87173.



This preview shows how white text looks on a background with the Hex color A87173.

# 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**  
A87173

**Protanopia**  
837F7B

**Deuteranopia**  
917B71



**Tritanopia**  
A97079

# Trichromacy



**Original Color**  
A87173

**Protanomaly**  
907A78

**Deuteranomaly**  
997772

**Tritanomaly**  
A97077

# Monochromacy



**Original Color**  
A87173

**Achromatopsia**  
828282

**Achromatomaly**  
907C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87173 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 #A87173 looks like.

```
.text, #text, p{  
    color:#A87173  
}
```

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 #A87173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87173
}
```

## Border

The CSS property to change the border of an element to Hex A87173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

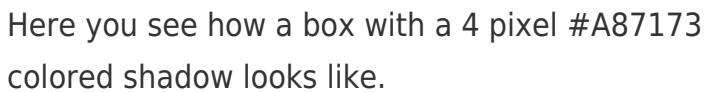
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A87173 }
```

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

```
.border{ border-color:#A87173 }
```

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



Here you see how a box with a 4 pixel #A87173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87173; -webkit-box-shadow:4px 4px  
4px 4px #A87173; box-shadow:4px 4px 4px  
4px #A87173 }
```

# Background

The CSS property to change the background color of an element to Hex A87173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87173 }
```

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

```
.background{ background-color:#A87173 }
```

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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