

Converting Colors

Hex(937A75)

Have a look what the booklet for
Hex(937A75) contains.

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Color

Hex(937A75)

Conversions

Conversions Part 1

Format	Color
Hex	937A75
RGB	147, 122, 117
RGB Percent	58%, 48%, 46%
CMY	0.4235, 0.5216, 0.5412
CMYK	0.00, 0.17, 0.20, 0.42
HSL	10°, 12%, 52%
HSV	10°, 20%, 58%
XYZ	22.2030, 21.4065, 19.7913
YIQ	128.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

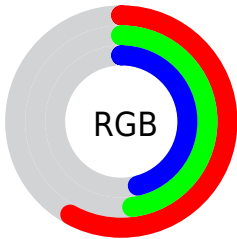
Format	Color
R_{YB}	147, 123, 117
Decimal	9665141
CIE Lab	53.39, 8.84, 6.35
CIE LCh	53, 10.879, 35.697
Yxy	21.4065, 0.3502, 0.3376
Android (android.graphics.Color)	4287855221 (0xFF937A75)
YUV	128.9050, -5.8692, 15.8693
Hunter-Lab	46.2671, 4.6926, 7.0251

Details

The Hex color **937A75** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **758E93**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C9AEA9**, and **604945** is the 20% darker color. If you saturate the color by 10%, you get **936E66**, and if you desaturate by 10%, it is **938684**.

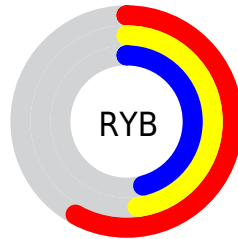
Distribution



Red (58%)

Green (48%)

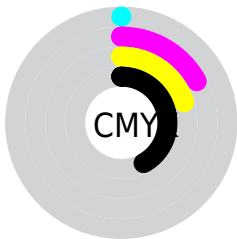
Blue (46%)



Red (58%)

Yellow (48%)

Blue (46%)

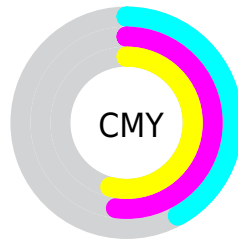


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937A75 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 937A75 by changing the saturation by 10% instead.

 937A75

 937A75

FFFFFF

 79615C

 C9AEA9

 604945

 E6CAC4

 48332F

 FFE6E0

 311E1A

FFFFFFD

 1E0500

 000000

 937A75

 937A75

 936E66

 938684

 936258

 939392

935549

939FA1

93493A

93ABB0

933D2C

93B7BE

93311D

93C3CD

93240E

93D0DC

931900

93DCEB

93E8F9

Harmonies

Analogous

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



93797E



937A75



8E7C6F

Triad

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



937A75



708478



788092

Complementary

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



937A75



758E93

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.



6D8390



937A75



698581

Square

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



937A75



7B8270



68858A



847D8F

Rectangle

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



937A75



897E6D



68858A



748192

Sweetspot

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



937A75



BFB6B4



93758E



615B5A



E0E0E0



616161

Same Dimension

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



937A75



BF9991



938975



4A4443



8A1700



0A0200

Inverse Universe

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



758E93



91B8BF



757F93



43494A



00738A



00080A

Previews

White Background



This preview shows how the Hex color 937A75 looks on a white background.

Color Contrast Check

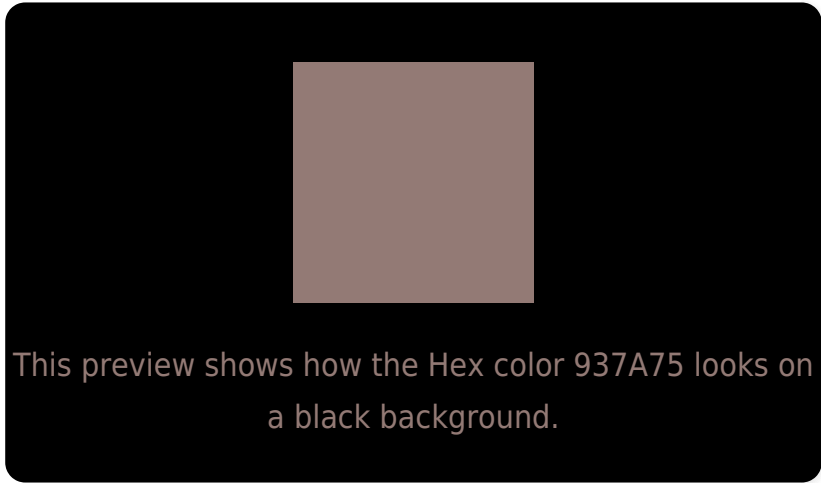
Large Text (above 18pt) WCAG AA ✓ Pass

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

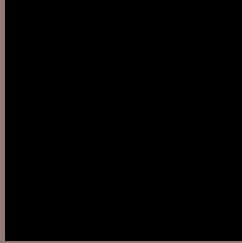
Any Text WCAG AA ✓ Pass

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 937A75 Background



This preview shows how black text looks on a background with the Hex color 937A75.



This preview shows how white text looks on a background with the Hex color 937A75.

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
937A75

Protanopia
847F78

Deuteranopia
907B75



Tritanopia
957881

Trichromacy



Original Color
937A75

Protanomaly
897D77

Deuteranomaly
917B75

Tritanomaly
94797D

Monochromacy



Original Color
937A75

Achromatopsia
818181

Achromatomaly
887E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 937A75 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 #937A75 looks like.

```
.text, #text, p{  
    color:#937A75  
}
```

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 #937A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937A75
}
```

Border

The CSS property to change the border of an element to Hex 937A75 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
#937A75 }
```

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

```
.border{ border-color:#937A75 }
```

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

Here you see how a box with a 4 pixel #937A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937A75; -webkit-box-shadow:4px 4px  
4px 4px #937A75; box-shadow:4px 4px 4px  
4px #937A75 }
```

Background

The CSS property to change the background color of an element to Hex 937A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937A75 }
```

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

```
.background{ background-color:#937A75 }
```

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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