

Converting Colors

Hex(946868)

Have a look what the booklet for
Hex(946868) contains.

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Color

Hex(946868)

Conversions

Conversions Part 1

Format	Color
Hex	946868
RGB	148, 104, 104
RGB Percent	58%, 41%, 41%
CMY	0.4196, 0.5922, 0.5922
CMYK	0.00, 0.30, 0.30, 0.42
HSL	0°, 17%, 49%
HSV	0°, 30%, 58%
XYZ	19.6617, 17.1960, 15.3796
YIQ	117.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

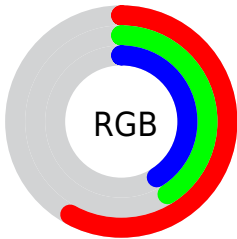
Format	Color
R_{YB}	148, 104, 104
Decimal	9726056
CIE _{Lab}	48.51, 17.67, 7.06
CIE _{LCh}	49, 19.024, 21.783
Yxy	17.1960, 0.3764, 0.3292
Android (android.graphics.Color)	4287916136 (0xFF946868)
YUV	117.1560, -6.4859, 27.0502
Hunter-Lab	41.4681, 12.0652, 7.0383

Details

The Hex color **946868** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **689494**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CB9B9B**, and **603839** is the 20% darker color. If you saturate the color by 10%, you get **945959**, and if you desaturate by 10%, it is **947777**.

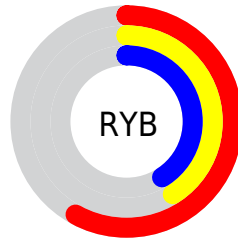
Distribution



Red (58%)

Green (41%)

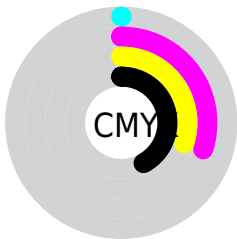
Blue (41%)



Red (58%)

Yellow (41%)

Blue (41%)

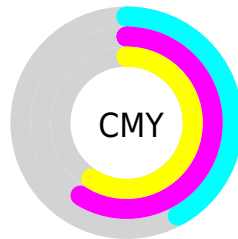


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946868 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 946868 by changing the saturation by 10% instead.

 946868

 946868

FFFFFF

 7A5050

 CB9B9B

 603839

 E8B6B6

 472224

 FFD2D1

 300D0E

 FFEEEE

 180001

 000000

 946868

 946868

 945959

 947777

 944A4A

 948686

 943C3C

 949494

 942D2D

 94A3A3

 941E1E

 94B2B2

 940F0F

 94C1C1

 940000

 94D0D0

 94DEDE

 94EDED

Harmonies

Analogous

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



906878



946868



8F6B5B

Triad

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



946868



607A5F



597693

Complementary

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



946868



689494

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.



487A8C



946868



4F7C6E

Square

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



946868



737655



447C7F



707191

Rectangle

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



946868



886F55



447C7F



527891

Sweetspot

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



946868



BFAEAE



946894



615656



E0E0E0



616161

Same Dimension

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



946868



BF7A7A



947E68



4A4343



8A0000



0A0000

Inverse Universe

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



689494



7ABFBF



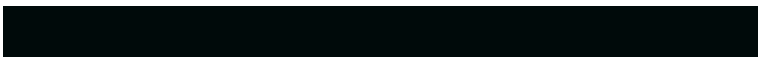
687E94



434A4A



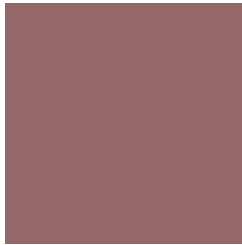
008A8A



000A0A

Previews

White Background



This preview shows how the Hex color 946868 looks on a white background.

Color Contrast Check

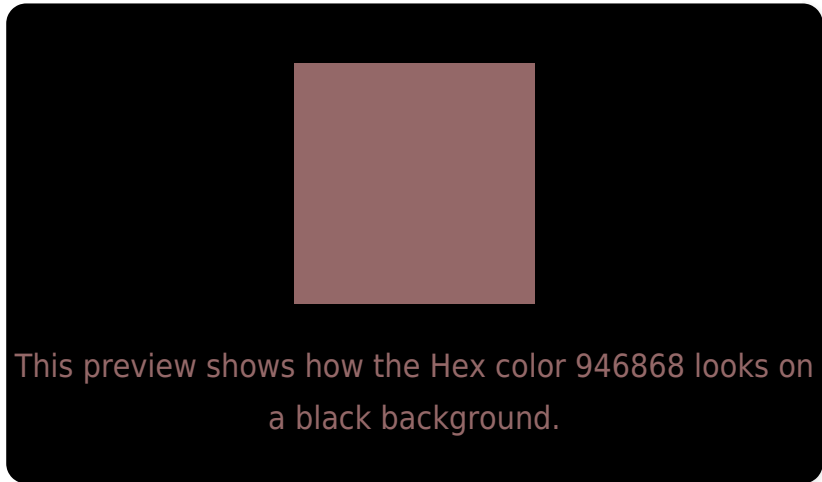
Large Text (above 18pt) WCAG AA ✓ Pass

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

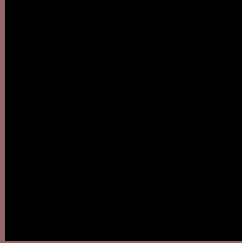
Any Text WCAG AA × Fail

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 946868 Background



This preview shows how black text looks on a background with the Hex color 946868.

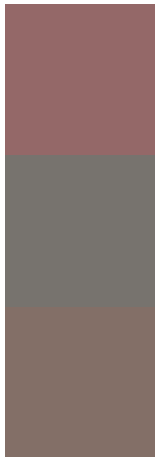


This preview shows how white text looks on a background with the Hex color 946868.

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
946868

Protanopia
77736E

Deuteranopia
836F67



Tritanopia
95676F

Trichromacy



Original Color
946868

Protanomaly
826F6C

Deuteranomaly
896C67

Tritanomaly
95676C

Monochromacy



Original Color
946868

Achromatopsia
757575

Achromatomaly
807070

CSS Examples

Text

The CSS property to change the color of the text to Hex 946868 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 #946868 looks like.

```
.text, #text, p{  
    color:#946868  
}
```

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 #946868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946868
}
```

Border

The CSS property to change the border of an element to Hex 946868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

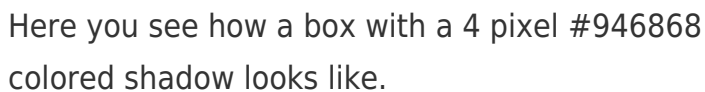
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946868 }
```

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

```
.border{ border-color:#946868 }
```

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



Here you see how a box with a 4 pixel #946868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946868; -webkit-box-shadow:4px 4px  
4px 4px #946868; box-shadow:4px 4px 4px  
4px #946868 }
```

Background

The CSS property to change the background color of an element to Hex 946868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946868 }
```

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

```
.background{ background-color:#946868 }
```

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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