

# Converting Colors

Hex(946466)

Have a look what the booklet for  
Hex(946466) contains.

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**Color**

**Hex(946466)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	946466
RGB	148, 100, 102
RGB Percent	58%, 39%, 40%
CMY	0.4196, 0.6078, 0.6000
CMYK	0.00, 0.32, 0.31, 0.42
HSL	358°, 19%, 49%
HSV	358°, 32%, 58%
XYZ	19.1682, 16.3696, 14.7197
YIQ	114.5800, 27.9660, 10.7980

# Conversions

## Conversions Part 2

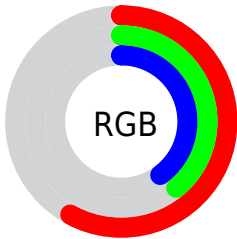
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 100, 102
Decimal	9725030
CIE <sub>Lab</sub>	47.46, 19.70, 6.76
CIE <sub>LCh</sub>	47, 20.826, 18.941
Yxy	16.3696, 0.3814, 0.3257
Android (android.graphics.Color)	4287915110 (0xFF946466)
YUV	114.5800, -6.2019, 29.3093
Hunter-Lab	40.4593, 13.7632, 6.7509

# Details

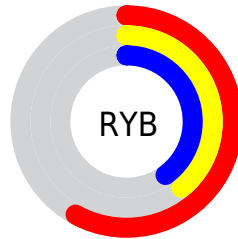
The Hex color **946466** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **649492**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CB9799**, and **603537** is the 20% darker color. If you saturate the color by 10%, you get **945558**, and if you desaturate by 10%, it is **947374**.

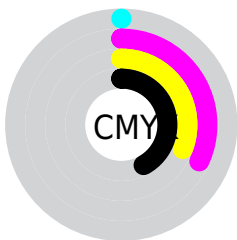
# Distribution



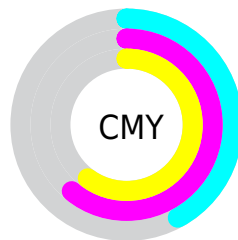
- Red (58%)
- Green (39%)
- Blue (40%)



- Red (58%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 946466 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 946466 by changing the saturation by 10% instead.



 946466

 946466

FFFFFF

 794C4E

 CB9799

 603537

 E8B2B4

 471E22

 FFCECF

 2F090C

 FFEAEB

 140000

 000000

 946466

 946466

 945558

 947374

 94464A

 948282

■ 94383B

■ 949091

■ 94292D

■ 949F9F

■ 941A1F

■ 94AEAD

■ 940B11

■ 94BDBB

■ 940006

■ 94CCC9

■ 94DAD7

■ 94E9E6

# Harmonies

## Analogous

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



8F6478



946466



8F6857

# Triad

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



946466



5E7759



517493

# Complementary

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



946466



649492

# 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.



3E788A



946466



4A7A69

# Square

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



946466



72734F



3C7A7B



6A6E92

# Rectangle

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



946466



886B50



3C7A7B



497691



# Sweetspot

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



946466



BFACAD



926494



615556



E0E0E0



616161



# Same Dimension

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



946466



BF7578



947A64



4A4343



8A0006



0A0000



# Inverse Universe

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



946466



BF7578



647E94



4A4343



8A0006

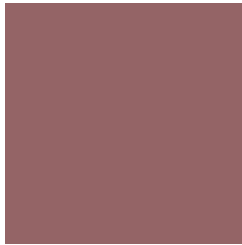


0A0000



# Previews

## White Background



This preview shows how the Hex color 946466 looks on a white background.

## Color Contrast Check

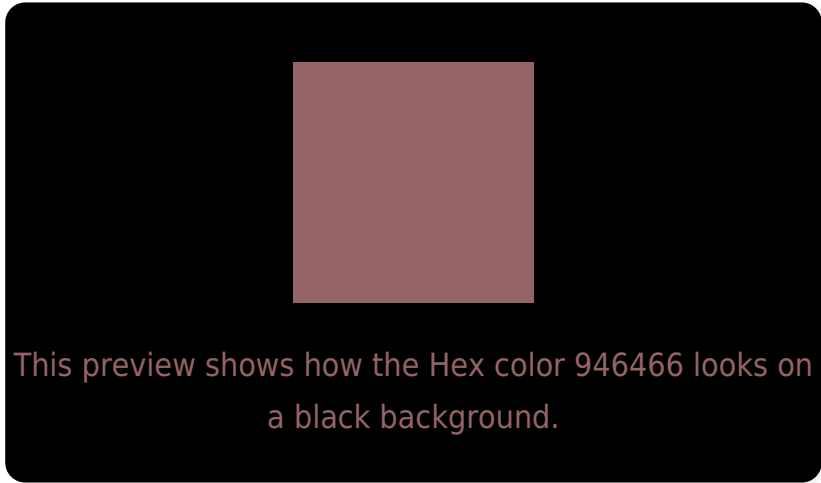
Large Text (above 18pt) WCAG AA ✓ Pass

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 946466 Background



This preview shows how black text looks on a background with the Hex color 946466.



This preview shows how white text looks on a background with the Hex color 946466.

# 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**  
946466

**Protanopia**  
74706D

**Deuteranopia**  
806D64



**Tritanopia**  
94636B

# Trichromacy



**Original Color**  
946466

**Protanomaly**  
806C6A

**Deuteranomaly**  
876A65

**Tritanomaly**  
946369

# Monochromacy



**Original Color**  
946466

**Achromatopsia**  
737373

**Achromatomaly**  
7F6E6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 946466 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 #946466 looks like.

```
.text, #text, p{  
    color:#946466  
}
```

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 #946466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946466
}
```

## Border

The CSS property to change the border of an element to Hex 946466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

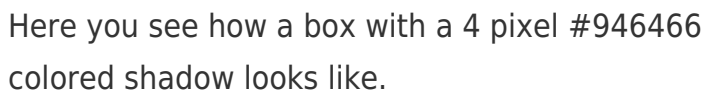
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946466 }
```

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

```
.border{ border-color:#946466 }
```

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



Here you see how a box with a 4 pixel #946466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946466; -webkit-box-shadow:4px 4px  
4px 4px #946466; box-shadow:4px 4px 4px  
4px #946466 }
```

# Background

The CSS property to change the background color of an element to Hex 946466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946466 }
```

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

```
.background{ background-color:#946466 }
```

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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