

Converting Colors

Hex(944767)

Have a look what the booklet for
Hex(944767) contains.

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Color

Hex(944767)

Conversions

Conversions Part 1

Format	Color
Hex	944767
RGB	148, 71, 103
RGB Percent	58%, 28%, 40%
CMY	0.4196, 0.7216, 0.5961
CMYK	0.00, 0.52, 0.30, 0.42
HSL	335°, 35%, 43%
HSV	335°, 52%, 58%
XYZ	16.9142, 11.7816, 14.2146
YIQ	97.6710, 35.6200, 26.2760

Conversions

Conversions Part 2

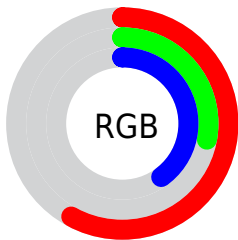
Format	Color
R_{YB}	148, 71, 103
Decimal	9717607
CIE _{Lab}	40.87, 36.12, -3.41
CIE _{LCh}	41, 36.283, 354.604
Yxy	11.7816, 0.3942, 0.2746
Android (android.graphics.Color)	4287907687 (0xFF944767)
YUV	97.6710, 2.6272, 44.1385
Hunter-Lab	34.3244, 27.8924, -0.5264

Details

The Hex color **944767** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **479474**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **CC7A9A**, and **5E1538** is the 20% darker color. If you saturate the color by 10%, you get **94385E**, and if you desaturate by 10%, it is **945670**.

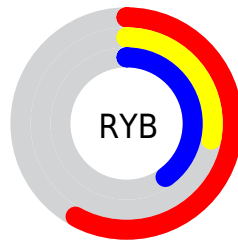
Distribution



Red (58%)

Green (28%)

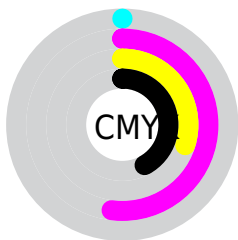
Blue (40%)



Red (58%)

Yellow (28%)

Blue (40%)

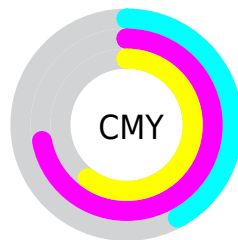


Cyan (0%)

Magenta (52%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944767 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 944767 by changing the saturation by 10% instead.

 944767

 944767

FFFFFF

 792E4F

 CC7A9A

 5E1538

 E994B5

 450023

 FFB0D0

 2F000D

 FFCCED

 000000

 FFE8FF

 944767

 944767

 94385E

 945670

 942956

 946578

 941B4D

 947381

 940C44

 94828A

 94003E

 949192

 94A09B

 94AFA4

 94BDAC

 94CCB5

Harmonies

Analogous

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



804F83



944767



974949

Triad

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



944767



596627



006C90

Complementary

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



944767



479474

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.



006F78



944767



346C3D

Square

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



944767



765D23



006F5A



0A659B

Rectangle

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



944767



914E38



006F5A



006D89

Sweetspot

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



944767



BFA1AD



744794



614E56



E0E0E0



616161

Same Dimension

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



944767



BF497A



944D47



4A4346



8A0039



0A0004

Inverse Universe

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



944767



BF497A



478E94



4A4346



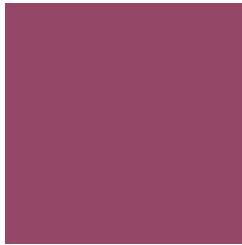
8A0039



0A0004

Previews

White Background



This preview shows how the Hex color 944767 looks on a white background.

Color Contrast Check

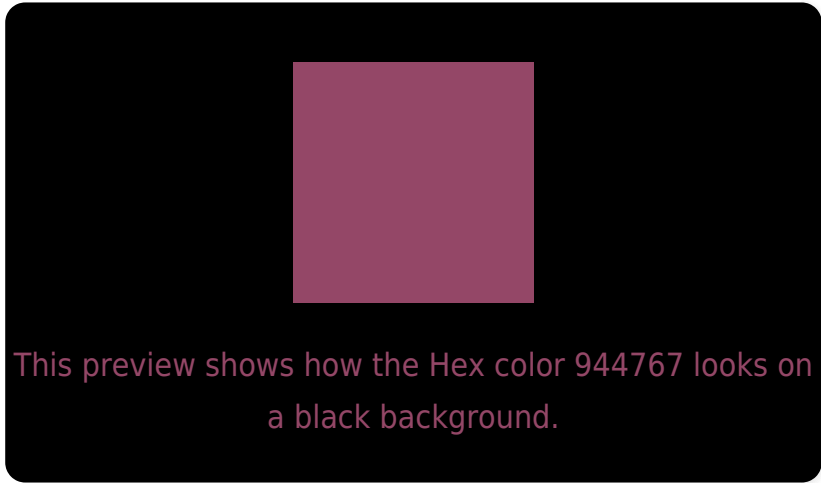
Large Text (above 18pt) WCAG AA ✓ Pass

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

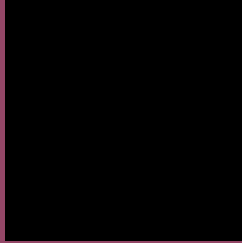
Any Text WCAG AA × Fail

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 944767 Background



This preview shows how black text looks on a background with the Hex color 944767.

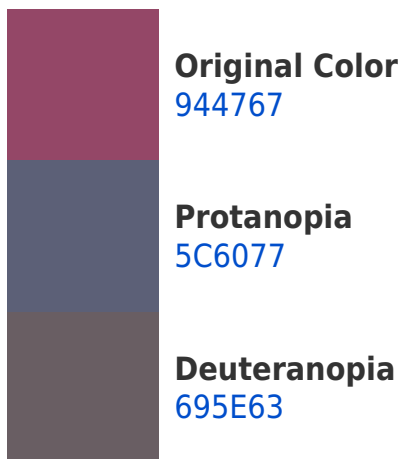


This preview shows how white text looks on a background with the Hex color 944767.

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





Tritanopia
924B51

Trichromacy



Original Color
944767

Protanomaly
705771

Deuteranomaly
795664

Tritanomaly
934A59

Monochromacy



Original Color
944767

Achromatopsia
626262

Achromatomaly
745864

CSS Examples

Text

The CSS property to change the color of the text to Hex 944767 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 #944767 looks like.

```
.text, #text, p{  
    color:#944767  
}
```

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 #944767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944767
}
```

Border

The CSS property to change the border of an element to Hex 944767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

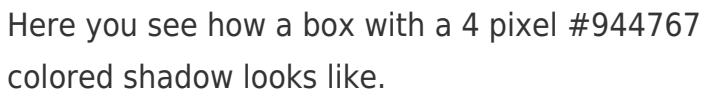
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944767 }
```

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

```
.border{ border-color:#944767 }
```

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



Here you see how a box with a 4 pixel #944767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944767; -webkit-box-shadow:4px 4px  
4px 4px #944767; box-shadow:4px 4px 4px  
4px #944767 }
```

Background

The CSS property to change the background color of an element to Hex 944767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944767 }
```

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

```
.background{ background-color:#944767 }
```

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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