

# Converting Colors

Hex(944B57)

Have a look what the booklet for  
Hex(944B57) contains.

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**Color**

**Hex(944B57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944B57
RGB	148, 75, 87
RGB Percent	58%, 29%, 34%
CMY	0.4196, 0.7059, 0.6588
CMYK	0.00, 0.49, 0.41, 0.42
HSL	350°, 33%, 44%
HSV	350°, 49%, 58%
XYZ	16.4491, 12.0162, 10.4692
YIQ	98.1950, 39.6560, 19.2080

# Conversions

## Conversions Part 2

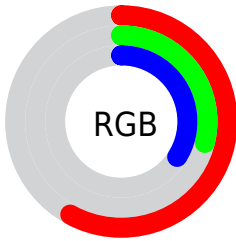
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 75, 87
Decimal	9718615
CIE Lab	41.24, 31.90, 7.07
CIE LCh	41, 32.678, 12.491
Yxy	12.0162, 0.4225, 0.3086
Android (android.graphics.Color)	4287908695 (0xFF944B57)
YUV	98.1950, -5.5191, 43.6790
Hunter-Lab	34.6644, 24.0402, 6.3585

# Details

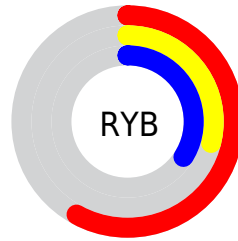
The Hex color **944B57** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4B9488**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **CC7E89**, and **5E1A2A** is the 20% darker color. If you saturate the color by 10%, you get **943C4B**, and if you desaturate by 10%, it is **945A63**.

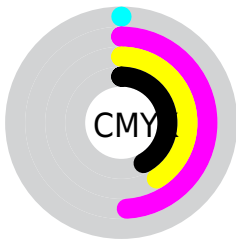
# Distribution



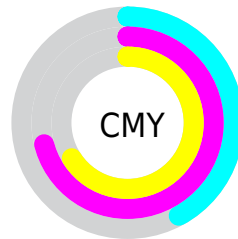
- Red (58%)
- Green (29%)
- Blue (34%)



- Red (58%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (49%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944B57 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 944B57 by changing the saturation by 10% instead.



 944B57

 944B57

FFFFFF

 793340

 CC7E89

 5E1A2A

 EA98A3

 440016

 FFB3BE

 2E0001

 FFCFDA

 000000

 FFECF6

 944B57

 944B57

 943C4B

 945A63

 942D3E

 946970

■ 941F32

■ 94777C

■ 941026

■ 948688

■ 940119

■ 949595

■ 940018

■ 94A4A1

■ 94B3AE

■ 94C1BA

■ 94D0C6

# Harmonies

## Analogous

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



8B4D72



944B57



8F513E

# Triad

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



944B57



496A38



006894

# Complementary

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



944B57



4B9488

# 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.



006D85



944B57



206E50

# Square

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



944B57



67632B



006F6C



496096

# Rectangle

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



944B57



855732



006F6C



006B90



# Sweetspot

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



944B57



BFA3A7



884B94



614F52



E0E0E0



616161



# Same Dimension

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



944B57



BF4E61



94634B



4A4344



8A0017



0A0002



# Inverse Universe

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



944B57



BF4E61



4B7C94



4A4344



8A0017

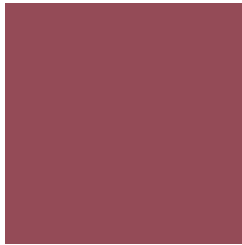


0A0002



# Previews

## White Background



This preview shows how the Hex color 944B57 looks on a white background.

## Color Contrast Check

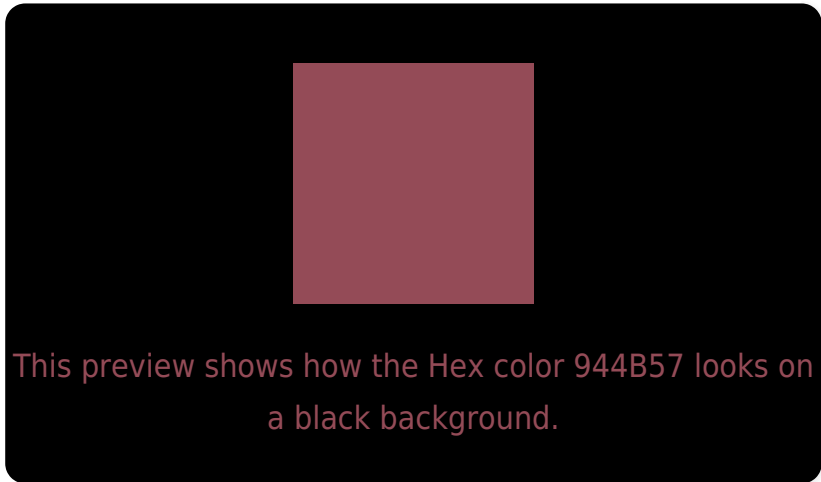
Large Text (above 18pt) WCAG AA ✓ Pass

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

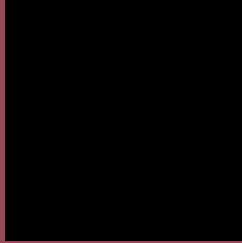
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 944B57 Background



This preview shows how black text looks on a background with the Hex color 944B57.



This preview shows how white text looks on a background with the Hex color 944B57.

# 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**  
944B57

**Protanopia**  
636163

**Deuteranopia**  
705E54



**Tritanopia**  
944C51

# Trichromacy



**Original Color**  
944B57

**Protanomaly**  
75595F

**Deuteranomaly**  
7D5755

**Tritanomaly**  
944C53

# Monochromacy



**Original Color**  
944B57

**Achromatopsia**  
626262

**Achromatomaly**  
745A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944B57 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 #944B57 looks like.

```
.text, #text, p{  
  color:#944B57  
}
```

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 #944B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944B57
}
```

## Border

The CSS property to change the border of an element to Hex 944B57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

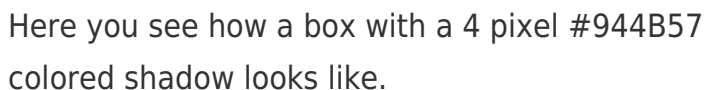
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944B57 }
```

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

```
.border{ border-color:#944B57 }
```

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



Here you see how a box with a 4 pixel #944B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944B57; -webkit-box-shadow:4px 4px  
4px 4px #944B57; box-shadow:4px 4px 4px  
4px #944B57 }
```

# Background

The CSS property to change the background color of an element to Hex 944B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944B57 }
```

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

```
.background{ background-color:#944B57 }
```

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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