

Converting Colors

Hex(944A56)

Have a look what the booklet for
Hex(944A56) contains.

Hex(944A56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(944A56)

Conversions

Conversions Part 1

Format	Color
Hex	944A56
RGB	148, 74, 86
RGB Percent	58%, 29%, 34%
CMY	0.4196, 0.7098, 0.6627
CMYK	0.00, 0.50, 0.42, 0.42
HSL	350°, 33%, 44%
HSV	350°, 50%, 58%
XYZ	16.3412, 11.8653, 10.2331
YIQ	97.4940, 40.2520, 19.4200

Conversions

Conversions Part 2

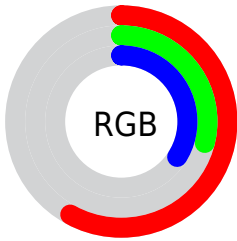
Format	Color
R_{YB}	148, 74, 86
Decimal	9718358
CIE _{Lab}	41.00, 32.33, 7.35
CIE _{LCh}	41, 33.155, 12.803
Yxy	11.8653, 0.4251, 0.3087
Android (android.graphics.Color)	4287908438 (0xFF944A56)
YUV	97.4940, -5.6665, 44.2938
Hunter-Lab	34.4461, 24.3997, 6.4987

Details

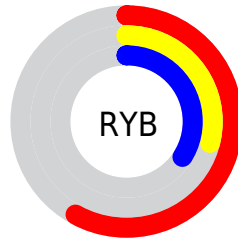
The Hex color **944A56** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A9488**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **CD7D88**, and **5E1929** is the 20% darker color. If you saturate the color by 10%, you get **943B4A**, and if you desaturate by 10%, it is **945962**.

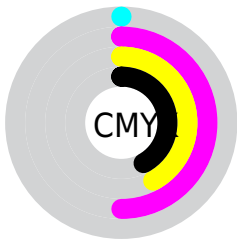
Distribution



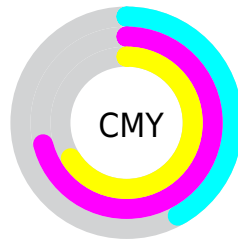
- Red (58%)
- Green (29%)
- Blue (34%)



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



- Cyan (0%)
- Magenta (50%)
- Yellow (42%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 944A56 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 944A56 by changing the saturation by 10% instead.

 944A56

 944A56

FFFFFF

 79323F

 CD7D88

 5E1929

 EA97A2

 440015

 FFB2BD

 2E0001

 FFCED9

 000000

 FFEBF5

 944A56

 944A56

 943B4A

 945962

 942C3D

 94686F

 941E31

 94767B

 940F24

 948588

 940018

 949494

 94A3A0

 94B2AD

 94C0B9

 94CFC6

Harmonies

Analogous

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



8B4C71



944A56



8F503D

Triad

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



944A56



486A37



006894

Complementary

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



944A56



4A9488

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



944A56



1D6D50

Square

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



944A56



66632A



006F6C



486096

Rectangle

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



944A56



855631



006F6C



006A91

Sweetspot

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



944A56



BFA3A7



884A94



614F52



E0E0E0



616161

Same Dimension

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



944A56



BF4D5F



94634A



4A4344



8A0016



0A0002

Inverse Universe

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



944A56



BF4D5F



4A7B94



4A4344



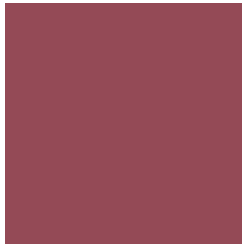
8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 944A56 looks on a white background.

Color Contrast Check

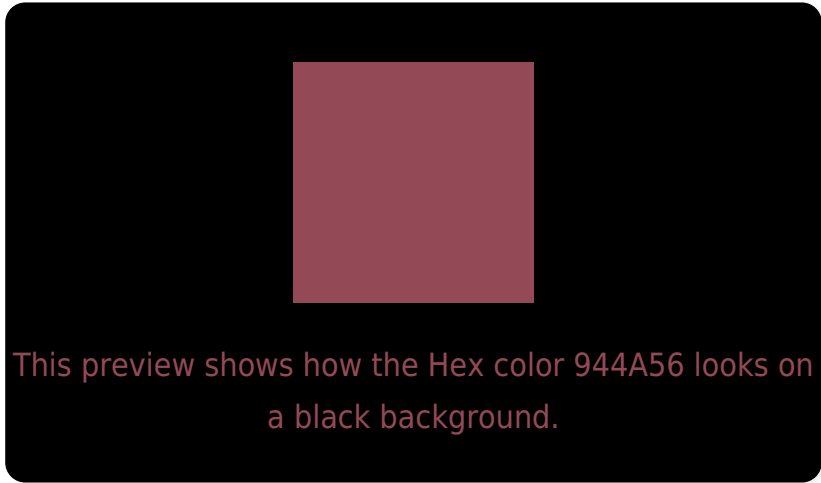
Large Text (above 18pt) WCAG AA ✓ Pass

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 944A56 Background



This preview shows how black text looks on a background with the Hex color 944A56.

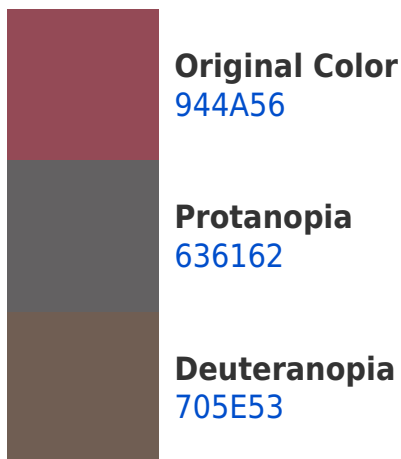


This preview shows how white text looks on a background with the Hex color 944A56.

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
944B50

Trichromacy



Original Color
944A56

Protanomaly
75595E

Deuteranomaly
7D5754

Tritanomaly
944B52

Monochromacy



Original Color
944A56

Achromatopsia
616161

Achromatomaly
74595D

CSS Examples

Text

The CSS property to change the color of the text to Hex 944A56 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 #944A56 looks like.

```
.text, #text, p{  
    color:#944A56  
}
```

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 #944A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944A56
}
```

Border

The CSS property to change the border of an element to Hex 944A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

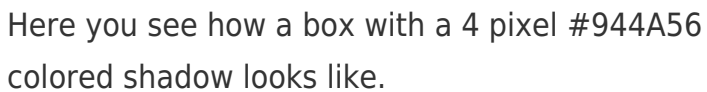
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944A56 }
```

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

```
.border{ border-color:#944A56 }
```

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



Here you see how a box with a 4 pixel #944A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944A56; -webkit-box-shadow:4px 4px  
4px 4px #944A56; box-shadow:4px 4px 4px  
4px #944A56 }
```

Background

The CSS property to change the background color of an element to Hex 944A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944A56 }
```

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

```
.background{ background-color:#944A56 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor