

Converting Colors

Hex(944561)

Have a look what the booklet for
Hex(944561) contains.

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Color

Hex(944561)

Conversions

Conversions Part 1

Format	Color
Hex	944561
RGB	148, 69, 97
RGB Percent	58%, 27%, 38%
CMY	0.4196, 0.7294, 0.6196
CMYK	0.00, 0.53, 0.34, 0.42
HSL	339°, 36%, 43%
HSV	339°, 53%, 58%
XYZ	16.4985, 11.4152, 12.6430
YIQ	95.8130, 38.0960, 25.4560

Conversions

Conversions Part 2

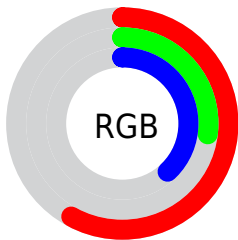
Format	Color
R_{YB}	148, 69, 97
Decimal	9717089
CIE _{Lab}	40.27, 36.37, -0.55
CIE _{LCh}	40, 36.371, 359.129
Yxy	11.4152, 0.4068, 0.2815
Android (android.graphics.Color)	4287907169 (0xFF944561)
YUV	95.8130, 0.5852, 45.7680
Hunter-Lab	33.7864, 28.0387, 1.4639

Details

The Hex color **944561** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **459478**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CC7893**, and **5E1233** is the 20% darker color. If you saturate the color by 10%, you get **943657**, and if you desaturate by 10%, it is **94546B**.

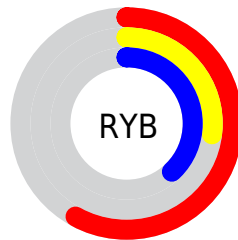
Distribution



Red (58%)

Green (27%)

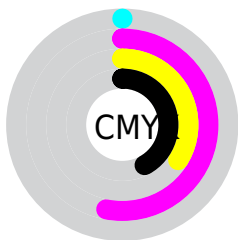
Blue (38%)



Red (58%)

Yellow (27%)

Blue (38%)

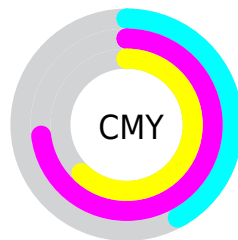


Cyan (0%)

Magenta (53%)

Yellow (34%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944561 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 944561 by changing the saturation by 10% instead.

 944561

 944561

FFFFFF

 792C49

 CC7893

 5E1233

 E992AE

 44001E

 FFAEC9

 2F0004

 FFC9E5

 000000

 FFE6FF

 944561

 944561

 943657

 94546B

 94274E

 946374

 941944

 94717E

 940A3B

 948087

 940034

 948F91

 949E9A

 94ADA4

 94BBAD

 94CAB7

Harmonies

Analogous

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



824C7E



944561



954844

Triad

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



944561



536628



006A91

Complementary

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



944561



459478

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.



006D7B



944561



2B6B3F

Square

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



944561



705D21



006E5D



1E629A

Rectangle

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



944561



8D4E33



006E5D



006B8B

Sweetspot

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



944561



BFA1AB



774594



614E55



E0E0E0



616161

Same Dimension

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



944561



BF4570



945045



4A4345



8A0031



0A0004

Inverse Universe

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



944561



BF4570



458994



4A4345



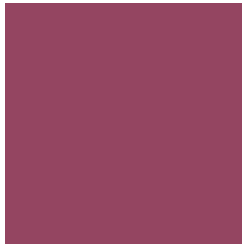
8A0031



0A0004

Previews

White Background



This preview shows how the Hex color 944561 looks on a white background.

Color Contrast Check

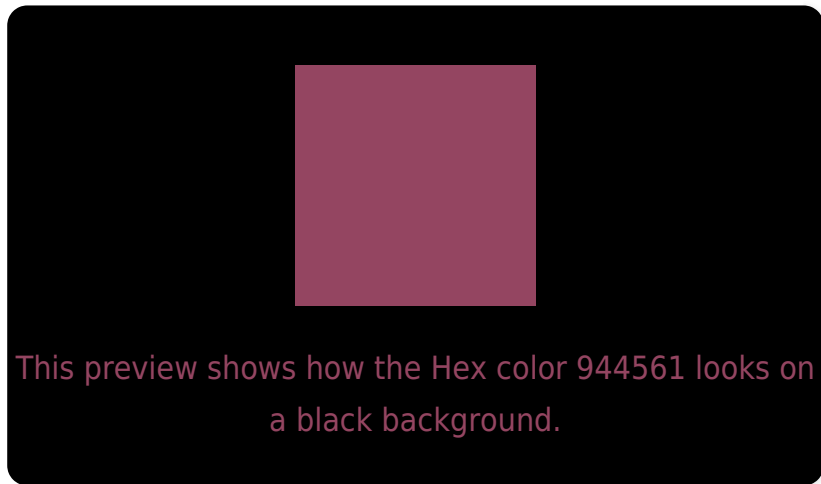
Large Text (above 18pt) WCAG AA ✓ Pass

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

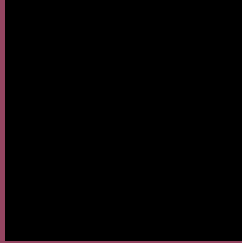
Any Text WCAG AA × Fail

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 944561 Background



This preview shows how black text looks on a background with the Hex color 944561.

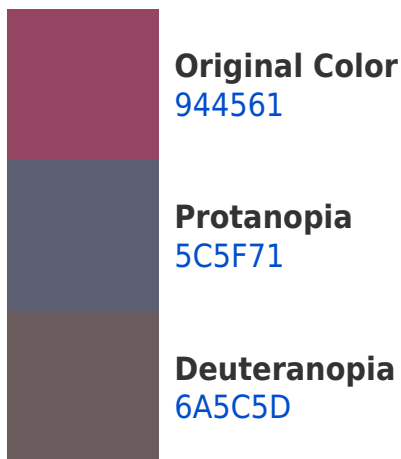



This preview shows how white text looks on a background with the Hex color 944561.

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
92494E

Trichromacy



Original Color
944561

Protanomaly
70566B

Deuteranomaly
79545E

Tritanomaly
934855

Monochromacy



Original Color
944561

Achromatopsia
606060

Achromatomaly
735660

CSS Examples

Text

The CSS property to change the color of the text to Hex 944561 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 #944561 looks like.

```
.text, #text, p{  
    color:#944561  
}
```

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 #944561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944561
}
```

Border

The CSS property to change the border of an element to Hex 944561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

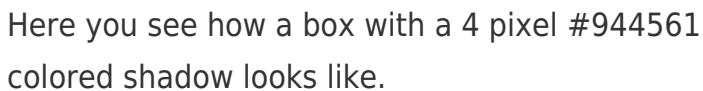
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944561 }
```

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

```
.border{ border-color:#944561 }
```

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



Here you see how a box with a 4 pixel #944561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944561; -webkit-box-shadow:4px 4px  
4px 4px #944561; box-shadow:4px 4px 4px  
4px #944561 }
```

Background

The CSS property to change the background color of an element to Hex 944561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944561 }
```

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

```
.background{ background-color:#944561 }
```

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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