

Converting Colors

Hex(944354)

Have a look what the booklet for
Hex(944354) contains.

Hex(944354)	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(944354)

Conversions

Conversions Part 1

Format	Color
Hex	944354
RGB	148, 67, 84
RGB Percent	58%, 26%, 33%
CMY	0.4196, 0.7373, 0.6706
CMYK	0.00, 0.55, 0.43, 0.42
HSL	347°, 38%, 42%
HSV	347°, 55%, 58%
XYZ	15.8201, 10.9503, 9.6673
YIQ	93.1570, 42.8190, 22.4590

Conversions

Conversions Part 2

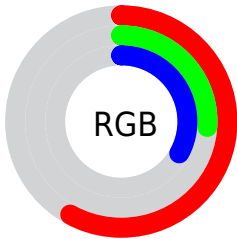
Format	Color
RYB	148, 67, 84
Decimal	9716564
CIELab	39.50, 35.83, 6.46
CIElCh	39, 36.407, 10.221
Yxy	10.9503, 0.4342, 0.3005
Android (android.graphics.Color)	4287906644 (0xFF944354)
YUV	93.1570, -4.5144, 48.0973
Hunter-Lab	33.0912, 27.4269, 5.8428

Details

The Hex color **944354** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **439483**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **CD7685**, and **5E1027** is the 20% darker color. If you saturate the color by 10%, you get **943448**, and if you desaturate by 10%, it is **945260**.

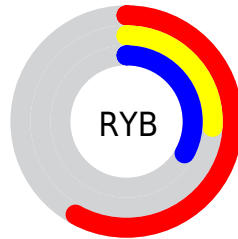
Distribution



Red (58%)

Green (26%)

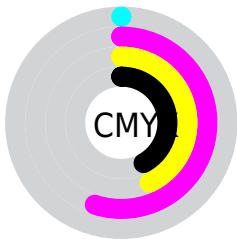
Blue (33%)



Red (58%)

Yellow (26%)

Blue (33%)

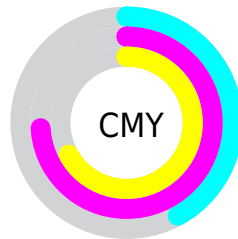


Cyan (0%)

Magenta (55%)

Yellow (43%)

Black (42%)



Cyan (42%)

Magenta (74%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944354 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 944354 by changing the saturation by 10% instead.

 944354

 944354

FFFFFF

 782A3D

 CD7685

 5E1027

 EA90A0

 430013

 FFABBA

 2D0002

 FFC7D6

 000000

 FFE4F2

 944354

 944354

 943448

 945260

 94253D

 94616B

 941731

 946F77

 940825

 947E83

 94001F

 948D8E

 949C9A

 94ABA6

 94B9B2

 94C8BD

Harmonies

Analogous

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



894672



944354



8F4938

Triad

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



944354



44662E



006694

Complementary

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



944354



439483

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.



006A83



944354



0E6A48

Square

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



944354



645F1F



006C67



3A5D97

Rectangle

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



944354



85512A



006C67



006890

Sweetspot

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



944354



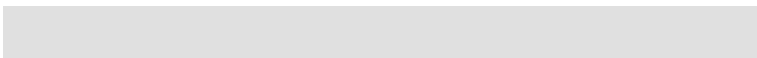
BFA1A7



824394



614E52



E0E0E0



616161

Same Dimension

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



944354



BF415C



945A43



4A4344



8A001D



0A0002

Inverse Universe

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



944354



BF415C



437D94



4A4344



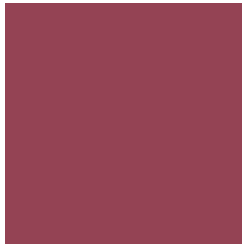
8A001D



0A0002

Previews

White Background



This preview shows how the Hex color 944354 looks on a white background.

Color Contrast Check

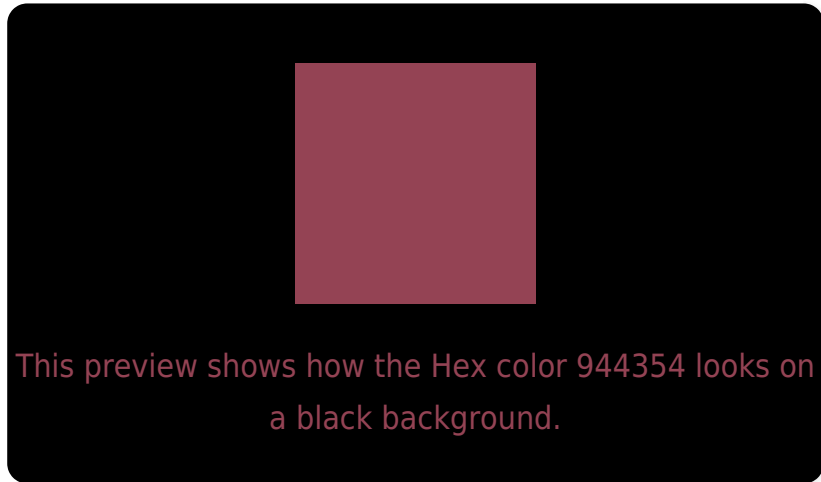
Large Text (above 18pt) WCAG AA ✓ Pass

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

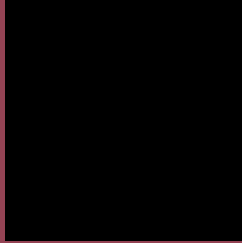
Any Text WCAG AA × Fail

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 944354 Background



This preview shows how black text looks on a background with the Hex color 944354.

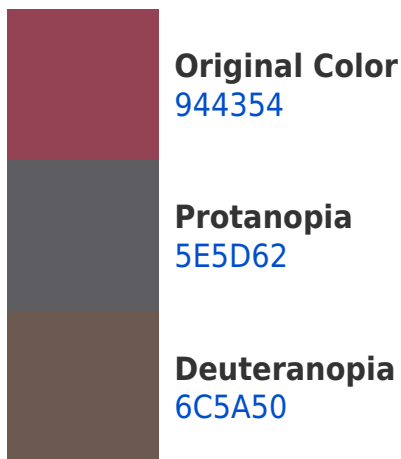



This preview shows how white text looks on a background with the Hex color 944354.

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
93454A

Trichromacy



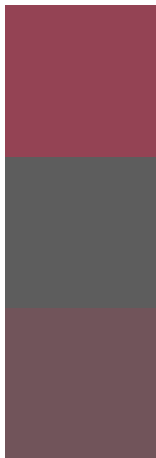
Original Color
944354

Protanomaly
72545D

Deuteranomaly
7B5251

Tritanomaly
93444E

Monochromacy



Original Color
944354

Achromatopsia
5D5D5D

Achromatomaly
71545A

CSS Examples

Text

The CSS property to change the color of the text to Hex 944354 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 #944354 looks like.

```
.text, #text, p{  
    color:#944354  
}
```

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 #944354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944354
}
```

Border

The CSS property to change the border of an element to Hex 944354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

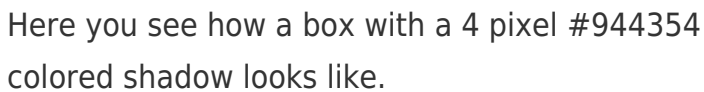
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944354 }
```

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

```
.border{ border-color:#944354 }
```

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



Here you see how a box with a 4 pixel #944354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944354; -webkit-box-shadow:4px 4px  
4px 4px #944354; box-shadow:4px 4px 4px  
4px #944354 }
```

Background

The CSS property to change the background color of an element to Hex 944354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944354 }
```

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

```
.background{ background-color:#944354 }
```

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