

Converting Colors

Hex(944942)

Have a look what the booklet for
Hex(944942) contains.

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Color

Hex(944942)

Conversions

Conversions Part 1

Format	Color
Hex	944942
RGB	148, 73, 66
RGB Percent	58%, 29%, 26%
CMY	0.4196, 0.7137, 0.7412
CMYK	0.00, 0.51, 0.55, 0.42
HSL	5°, 38%, 42%
HSV	5°, 55%, 58%
XYZ	15.5787, 11.4543, 6.5441
YIQ	94.6270, 46.9470, 13.7230

Conversions

Conversions Part 2

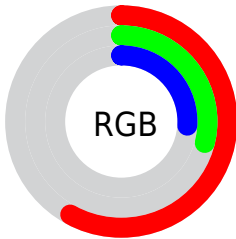
Format	Color
R_{YB}	148, 74, 66
Decimal	9718082
CIE _{Lab}	40.34, 30.81, 18.79
CIE _{LCh}	40, 36.084, 31.378
Yxy	11.4543, 0.4640, 0.3411
Android (android.graphics.Color)	4287908162 (0xFF944942)
YUV	94.6270, -14.1131, 46.8081
Hunter-Lab	33.8443, 22.9369, 12.2267

Details

The Hex color **944942** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **428D94**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CD7B72**, and **5D1917** is the 20% darker color. If you saturate the color by 10%, you get **943B33**, and if you desaturate by 10%, it is **945751**.

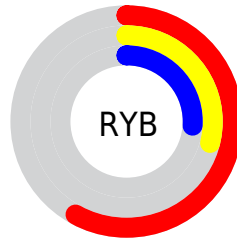
Distribution



Red (58%)

Green (29%)

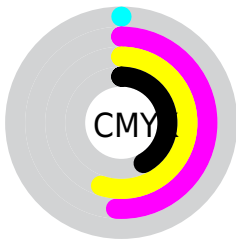
Blue (26%)



Red (58%)

Yellow (29%)

Blue (26%)

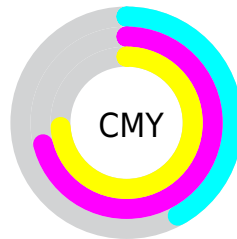


Cyan (0%)

Magenta (51%)

Yellow (55%)

Black (42%)



Cyan (42%)

Magenta (71%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944942 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 944942 by changing the saturation by 10% instead.

 944942

 944942

FFFFFF

 78312C

 CD7B72

 5D1917

 EB968B

 430000

 FFB1A6

 2C0001

 FFCDC1

 000000

 FFE9DD

 FFFFF9

 944942

 944942

 943B33

 945751

 942E24

 946460

 942016

 94726E

 941307

 947F7D

 940D00

 948D8C

 949A9B

 94A8AA

 94B5B8

 94C3C7

Harmonies

Analogous

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



94455F



944942



86532B

Triad

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



944942



286B42



27629A

Complementary

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



944942



428D94

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.



006992



944942



006E60

Square

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



944942



50662A



006D7D



625792

Rectangle

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



944942



775B23



006D7D



006599

Sweetspot

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



944942



BFA29F



94428D



614F4E



E0E0E0



616161

Same Dimension

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



944942



BF4C41



947242



4A4343



8A0C00



0A0100

Inverse Universe

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



428D94



41B4BF



426494



43494A



007E8A



00090A

Previews

White Background



This preview shows how the Hex color 944942 looks on a white background.

Color Contrast Check

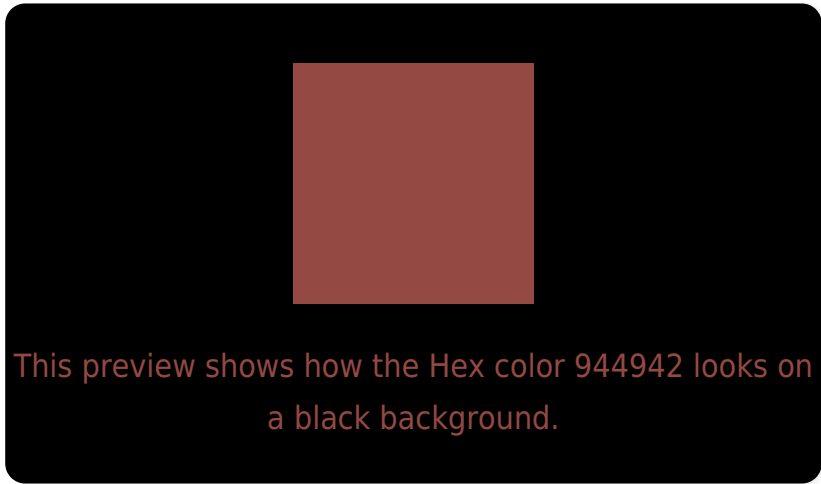
Large Text (above 18pt) WCAG AA ✓ Pass

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 944942 Background



This preview shows how black text looks on a background with the Hex color 944942.

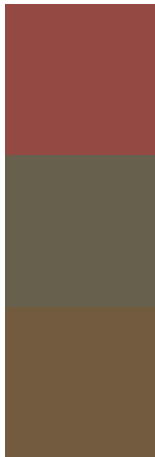


This preview shows how white text looks on a background with the Hex color 944942.

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
944942

Protanopia
66604C

Deuteranopia
735B3F



Tritanopia
95474C

Trichromacy



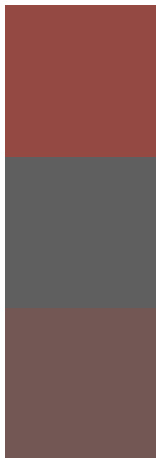
Original Color
944942

Protanomaly
775848

Deuteranomaly
7F5440

Tritanomaly
954848

Monochromacy



Original Color
944942

Achromatopsia
5F5F5F

Achromatomaly
725754

CSS Examples

Text

The CSS property to change the color of the text to Hex 944942 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 #944942 looks like.

```
.text, #text, p{  
    color:#944942  
}
```

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 #944942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944942
}
```

Border

The CSS property to change the border of an element to Hex 944942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

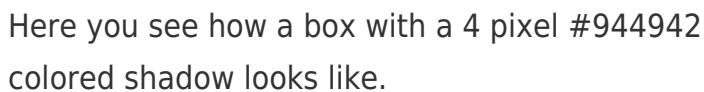
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944942 }
```

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

```
.border{ border-color:#944942 }
```

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



Here you see how a box with a 4 pixel #944942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944942; -webkit-box-shadow:4px 4px  
4px 4px #944942; box-shadow:4px 4px 4px  
4px #944942 }
```

Background

The CSS property to change the background color of an element to Hex 944942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944942 }
```

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

```
.background{ background-color:#944942 }
```

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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