

Converting Colors

Hex(94244E)

Have a look what the booklet for
Hex(94244E) contains.

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Color

Hex(94244E)

Conversions

Conversions Part 1

Format	Color
Hex	94244E
RGB	148, 36, 78
RGB Percent	58%, 14%, 31%
CMY	0.4196, 0.8588, 0.6941
CMYK	0.00, 0.76, 0.47, 0.42
HSL	338°, 61%, 36%
HSV	338°, 76%, 58%
XYZ	14.2188, 8.1077, 8.0233
YIQ	74.2760, 53.2700, 36.8060

Conversions

Conversions Part 2

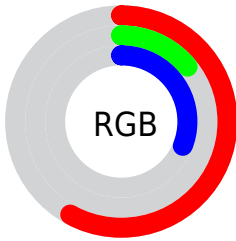
Format	Color
R_{YB}	148, 36, 78
Decimal	9708622
CIE _{Lab}	34.21, 49.02, 2.71
CIE _{LCh}	34, 49.096, 3.169
Yxy	8.1077, 0.4685, 0.2671
Android (android.graphics.Color)	4287898702 (0xFF94244E)
YUV	74.2760, 1.8359, 64.6559
Hunter-Lab	28.4740, 39.3060, 3.2254

Details

The Hex color **94244E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24946A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CE5B7F**, and **5C0022** is the 20% darker color. If you saturate the color by 10%, you get **941545**, and if you desaturate by 10%, it is **943357**.

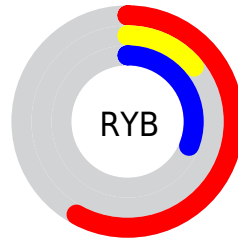
Distribution



Red (58%)

Green (14%)

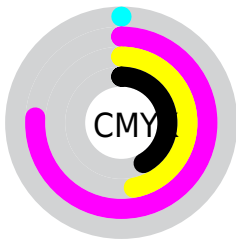
Blue (31%)



Red (58%)

Yellow (14%)

Blue (31%)

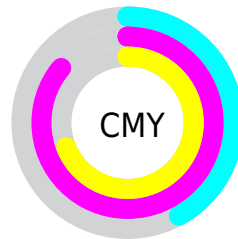


Cyan (0%)

Magenta (76%)

Yellow (47%)

Black (42%)



Cyan (42%)

Magenta (86%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94244E 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 94244E by changing the saturation by 10% instead.

 94244E

 94244E

FFFFFF

 780037

 CE5B7F

 5C0022

 EC7699

 41000B

 FF91B3

 260001

 FFADCF

 000000

 FFC9EB

 FFE6FF

 94244E

 94244E

 941545

 943357

■ 94063B

■ 944261

■ 940038

■ 94506A

■ 945F73

■ 946E7C

■ 947D86

■ 948C8F

■ 949A98

■ 94A9A1

Harmonies

Analogous

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



823074



94244E



912E28

Triad

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



94244E



365A00



005D96

Complementary

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



94244E



24946A

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.



00617A



94244E



00602B

Square

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



94244E



5E5000



006254



00549F

Rectangle

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



94244E



853B0F



006254



005F8F

Sweetspot

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



94244E



BF93A4



692494



614650



E0E0E0



616161

Same Dimension

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



94244E



BF1152



943124



4A4345



8A0034



0A0004

Inverse Universe

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



94244E



BF1152



248794



4A4345



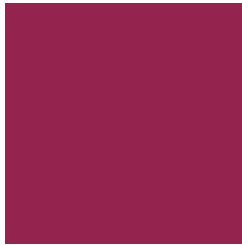
8A0034



0A0004

Previews

White Background



This preview shows how the Hex color 94244E looks on a white background.

Color Contrast Check

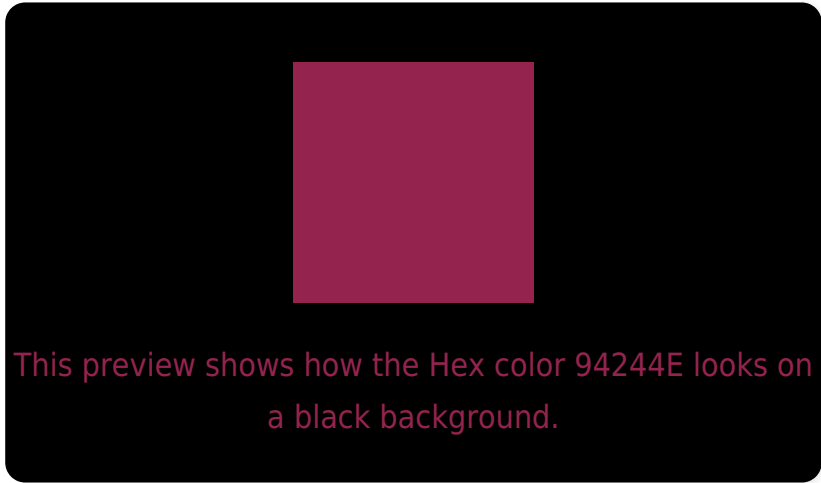
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 94244E Background



This preview shows how black text looks on a background with the Hex color 94244E.



This preview shows how white text looks on a background with the Hex color 94244E.

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
94244E

Protanopia
4C5168

Deuteranopia
5D4F49



Tritanopia
922C2E

Trichromacy



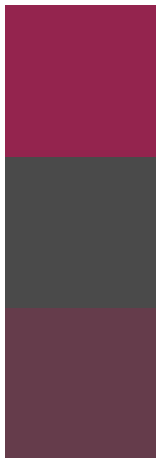
Original Color
94244E

Protanomaly
66415F

Deuteranomaly
713F4B

Tritanomaly
93293A

Monochromacy



Original Color
94244E

Achromatopsia
4A4A4A

Achromatomaly
653C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 94244E 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 #94244E looks like.

```
.text, #text, p{  
    color:#94244E  
}
```

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 #94244E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94244E
}
```

Border

The CSS property to change the border of an element to Hex 94244E is called "border". The border property can be set on classes, ids or directly on the HTML element.

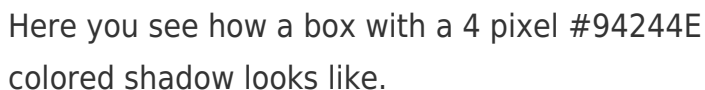
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94244E }
```

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

```
.border{ border-color:#94244E }
```

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



Here you see how a box with a 4 pixel #94244E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94244E; -webkit-box-shadow:4px 4px  
4px 4px #94244E; box-shadow:4px 4px 4px  
4px #94244E }
```

Background

The CSS property to change the background color of an element to Hex 94244E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94244E }
```

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

```
.background{ background-color:#94244E }
```

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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