

Converting Colors

Hex(84244E)

Have a look what the booklet for
Hex(84244E) contains.

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Color

Hex(84244E)

Conversions

Conversions Part 1

Format	Color
Hex	84244E
RGB	132, 36, 78
RGB Percent	52%, 14%, 31%
CMY	0.4824, 0.8588, 0.6941
CMYK	0.00, 0.73, 0.41, 0.48
HSL	334°, 57%, 33%
HSV	334°, 73%, 52%
XYZ	11.5217, 6.7173, 7.8970
YIQ	69.4920, 43.7340, 33.4140

Conversions

Conversions Part 2

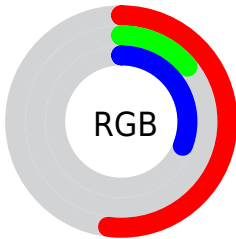
Format	Color
R_{YB}	132, 36, 78
Decimal	8660046
CIE Lab	31.15, 44.20, -2.11
CIE LCh	31, 44.253, 357.273
Yxy	6.7173, 0.4408, 0.2570
Android (android.graphics.Color)	4286850126 (0xFF84244E)
YUV	69.4920, 4.1944, 54.8195
Hunter-Lab	25.9178, 33.9957, 0.0771

Details

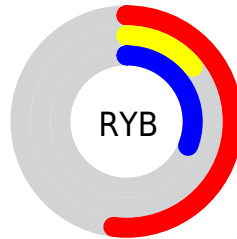
The Hex color **84244E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24845A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BD597F**, and **4E0022** is the 20% darker color. If you saturate the color by 10%, you get **841747**, and if you desaturate by 10%, it is **843155**.

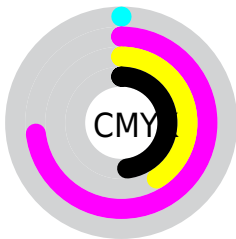
Distribution



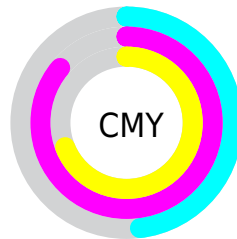
- Red (52%)
- Green (14%)
- Blue (31%)



- Red (52%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (41%)
- Black (48%)



- Cyan (48%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84244E 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 84244E by changing the saturation by 10% instead.

 84244E

 84244E

FFFFFF

 690137

 BD597F

 4E0022

 DA7399

 36000B

 F78EB4

 0F0000

 FFA9CF

 000000

 FFC5EB

 FFE2FF

 84244E

 84244E

 841747

 843155

 840A3F

 843E5D

 84003A

 844C64

 84596C

 846673

 84737B

 848082

 848E89

 849B91

Harmonies

Analogous

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



6F306F



84244E



85292C

Triad

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



84244E



3A5100



005683

Complementary

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



84244E



24845A

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.



005968



84244E



005621

Square

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



84244E



5C4700



005945



004F8F

Rectangle

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



84244E



7C3317



005945



00577C

Sweetspot

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



84244E



AB8596



592484



57404A



D6D6D6



575757

Same Dimension

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



84244E



AB1657



842924



423C3F



820039



030001

Inverse Universe

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



84244E



AB1657



247F84



423C3F



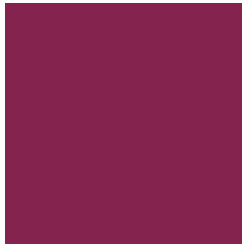
820039



030001

Previews

White Background



This preview shows how the Hex color 84244E looks on a white background.

Color Contrast Check

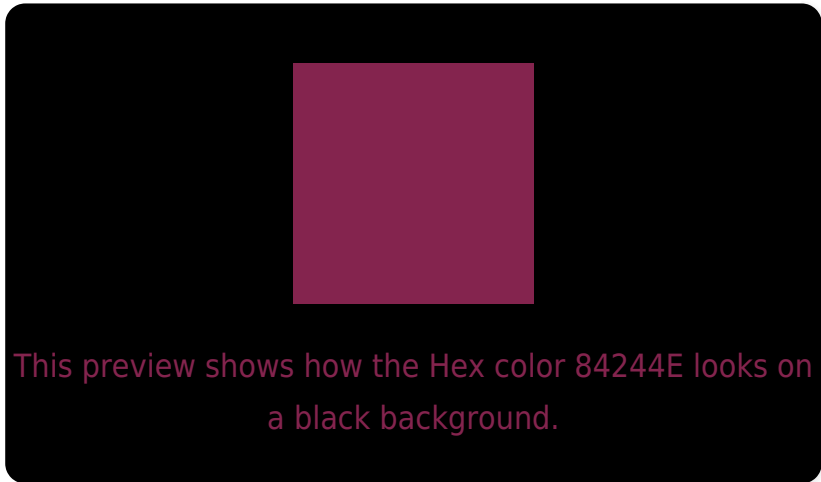
Large Text (above 18pt) WCAG AA ✓ Pass

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 84244E Background



This preview shows how black text looks on a background with the Hex color 84244E.



This preview shows how white text looks on a background with the Hex color 84244E.

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
84244E

Protanopia
424A66

Deuteranopia
524849



Tritanopia
822C2F

Trichromacy



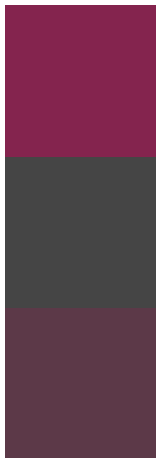
Original Color
84244E

Protanomaly
5A3C5D

Deuteranomaly
643B4B

Tritanomaly
83293A

Monochromacy



Original Color
84244E

Achromatopsia
454545

Achromatomaly
5C3948

CSS Examples

Text

The CSS property to change the color of the text to Hex 84244E 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 #84244E looks like.

```
.text, #text, p{  
    color:#84244E  
}
```

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 #84244E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84244E
}
```

Border

The CSS property to change the border of an element to Hex 84244E 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".

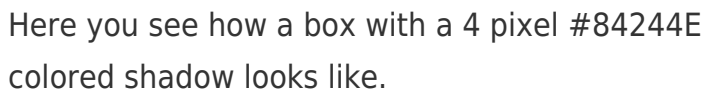
```
.border, #border, table{ border:4px solid
#84244E }
```

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

```
.border{ border-color:#84244E }
```

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

Here you see how a box with a 4 pixel #84244E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84244E; -webkit-box-shadow:4px 4px  
4px 4px #84244E; box-shadow:4px 4px 4px  
4px #84244E }
```

Background

The CSS property to change the background color of an element to Hex 84244E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84244E }
```

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

```
.background{ background-color:#84244E }
```

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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