

Converting Colors

Hex(84235A)

Have a look what the booklet for
Hex(84235A) contains.

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Color

Hex(84235A)

Conversions

Conversions Part 1

Format	Color
Hex	84235A
RGB	132, 35, 90
RGB Percent	52%, 14%, 35%
CMY	0.4824, 0.8627, 0.6471
CMYK	0.00, 0.73, 0.32, 0.48
HSL	326°, 58%, 33%
HSV	326°, 73%, 52%
XYZ	11.9622, 6.8458, 10.3637
YIQ	70.2730, 40.1570, 37.6690

Conversions

Conversions Part 2

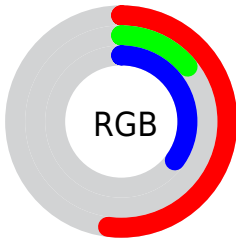
Format	Color
R_{YB}	132, 35, 90
Decimal	8659802
CIE _{Lab}	31.45, 46.03, -9.50
CIE _{LCh}	31, 47.000, 348.338
Yxy	6.8458, 0.4101, 0.2347
Android (android.graphics.Color)	4286849882 (0xFF84235A)
YUV	70.2730, 9.7254, 54.1346
Hunter-Lab	26.1644, 35.8213, -5.1697

Details

The Hex color **84235A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23844D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **BC588C**, and **4E002C** is the 20% darker color. If you saturate the color by 10%, you get **841654**, and if you desaturate by 10%, it is **843060**.

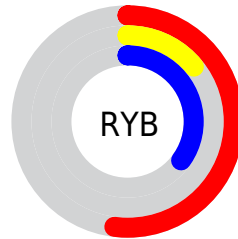
Distribution



Red (52%)

Green (14%)

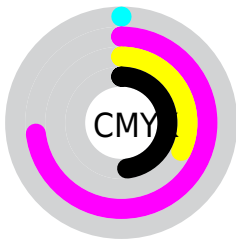
Blue (35%)



Red (52%)

Yellow (14%)

Blue (35%)

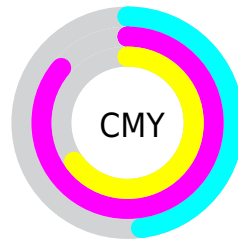


Cyan (0%)

Magenta (73%)

Yellow (32%)

Black (48%)



Cyan (48%)

Magenta (86%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84235A 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 84235A by changing the saturation by 10% instead.

 84235A

 84235A

FFFFFF

 690043

 BC588C

 4E002C

 D973A6

 360018

 F78EC2

 150000

 FFA9DE

 000000

 FFC5FA

 FFE2FF

 84235A

 84235A

 841654

 843060

84094F

843D65

84004B

844B6B

845871

846577

84727C

847F82

848D88

849A8D

Harmonies

Analogous

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



67357B



84235A



8A2235

Triad

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



84235A



454F00



005981

Complementary

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



84235A



23844D

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.



005A60



84235A



125613

Square

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



84235A



664300



005A3A



005393

Rectangle

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



84235A



842C1E



005A3A



005A77

Sweetspot

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



84235A



AB859B



4B2384



57404D



D6D6D6



575757

Same Dimension

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



84235A



AB156A



84232B



423C3F



82004A



030001

Inverse Universe

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



84235A



AB156A



23847C



423C3F



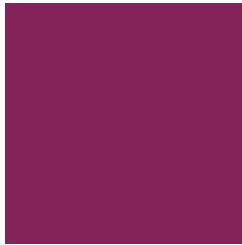
82004A



030001

Previews

White Background



This preview shows how the Hex color 84235A looks on a white background.

Color Contrast Check

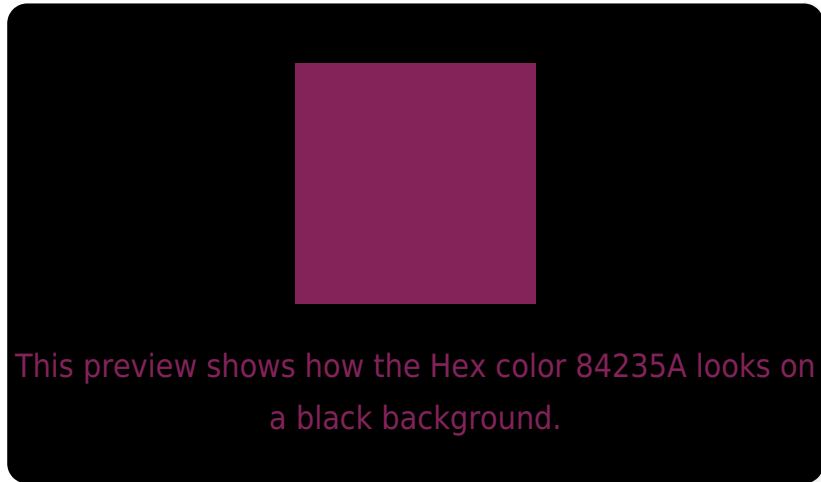
Large Text (above 18pt) WCAG AA ✓ Pass

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

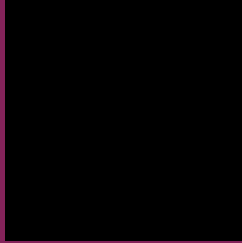
Any Text WCAG AA × Fail

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 84235A Background



This preview shows how black text looks on a background with the Hex color 84235A.



This preview shows how white text looks on a background with the Hex color 84235A.

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
812F31

Trichromacy



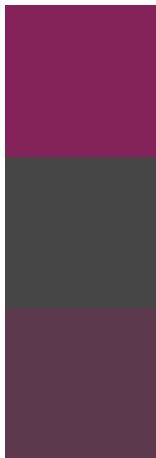
Original Color
84235A

Protanomaly
563C6C

Deuteranomaly
623B57

Tritanomaly
822B40

Monochromacy



Original Color
84235A

Achromatopsia
464646

Achromatomaly
5D394D

CSS Examples

Text

The CSS property to change the color of the text to Hex 84235A 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 #84235A looks like.

```
.text, #text, p{  
    color:#84235A  
}
```

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 #84235A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84235A
}
```

Border

The CSS property to change the border of an element to Hex 84235A is called "border". The border property can be set on classes, ids or directly on the HTML element.

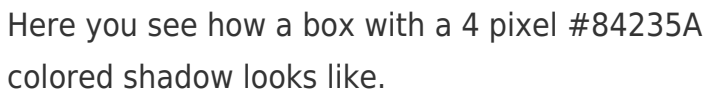
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84235A }
```

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

```
.border{ border-color:#84235A }
```

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



Here you see how a box with a 4 pixel #84235A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84235A; -webkit-box-shadow:4px 4px  
4px 4px #84235A; box-shadow:4px 4px 4px  
4px #84235A }
```

Background

The CSS property to change the background color of an element to Hex 84235A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84235A }
```

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

```
.background{ background-color:#84235A }
```

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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