

Converting Colors

Hex(87325C)

Have a look what the booklet for
Hex(87325C) contains.

Hex(87325C)	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(87325C)

Conversions

Conversions Part 1

Format	Color
Hex	87325C
RGB	135, 50, 92
RGB Percent	53%, 20%, 36%
CMY	0.4706, 0.8039, 0.6392
CMYK	0.00, 0.63, 0.32, 0.47
HSL	330°, 46%, 36%
HSV	330°, 63%, 53%
XYZ	13.0640, 8.2048, 11.0203
YIQ	80.2030, 37.1780, 31.0820

Conversions

Conversions Part 2

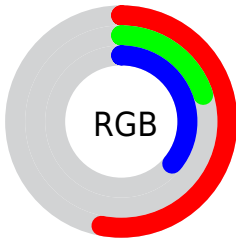
Format	Color
R_{YB}	135, 50, 92
Decimal	8860252
CIE _{Lab}	34.41, 40.77, -6.30
CIE _{LCh}	34, 41.255, 351.218
Yxy	8.2048, 0.4046, 0.2541
Android (android.graphics.Color)	4287050332 (0xFF87325C)
YUV	80.2030, 5.8159, 48.0570
Hunter-Lab	28.6440, 31.2837, -2.7601

Details

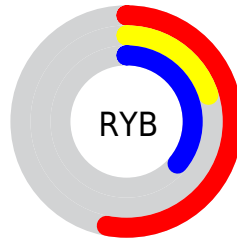
The Hex color **87325C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **32875D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BF658E**, and **52002E** is the 20% darker color. If you saturate the color by 10%, you get **872555**, and if you desaturate by 10%, it is **873F63**.

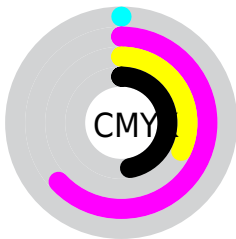
Distribution



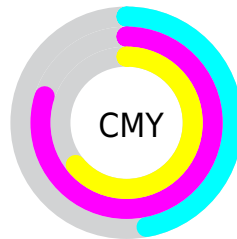
- Red (53%)
- Green (20%)
- Blue (36%)



- Red (53%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (32%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87325C 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 87325C by changing the saturation by 10% instead.

 87325C

 87325C

FFFFFF

 6C1744

 BF658E

 52002E

 DC7FA9

 38001A

 F99AC4

 1E0001

 FFB6E0

 000000

 FFD2FC

 FFEFFF

 87325C

 87325C

 872555

 873F63

87174E

874D6A

870A48

875B70

870043

876877

87767E

878385

87918C

879E93

87AC99

Harmonies

Analogous

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



6F3E7A



87325C



8C333B

Triad

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



87325C



4B560A



005E84

Complementary

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



87325C



32875D

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.



006068



87325C



205D25

Square

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



87325C



694C07



006046



005892

Rectangle

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



87325C



863A27



006046



005F7B

Sweetspot

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



87325C



B08F9F



5D3287



59454F



D9D9D9



595959

Same Dimension

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



87325C



B02A6C



873232



423C3F



820040



030001

Inverse Universe

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



87325C



B02A6C



328787



423C3F



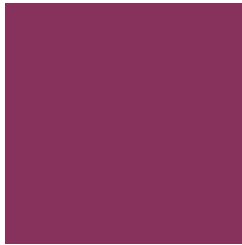
820040



030001

Previews

White Background



This preview shows how the Hex color 87325C looks on a white background.

Color Contrast Check

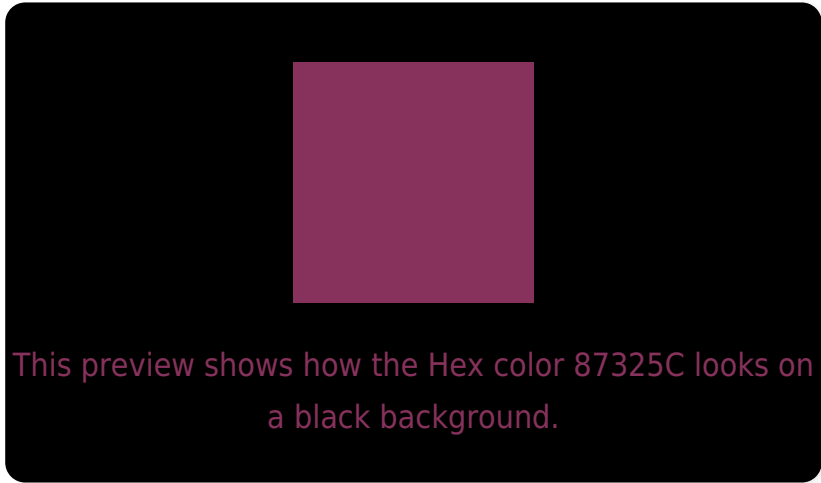
Large Text (above 18pt) WCAG AA ✓ Pass

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

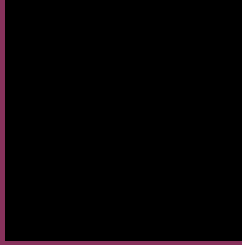
Any Text WCAG AA × Fail

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 87325C Background



This preview shows how black text looks on a background with the Hex color 87325C.




This preview shows how white text looks on a background with the Hex color 87325C.

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
85393D

Trichromacy



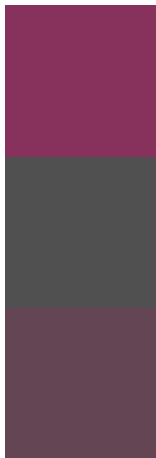
Original Color
87325C

Protanomaly
5F4669

Deuteranomaly
684459

Tritanomaly
863648

Monochromacy



Original Color
87325C

Achromatopsia
505050

Achromatomaly
644554

CSS Examples

Text

The CSS property to change the color of the text to Hex 87325C 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 #87325C looks like.

```
.text, #text, p{  
    color:#87325C  
}
```

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 #87325C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87325C
}
```

Border

The CSS property to change the border of an element to Hex 87325C is called "border". The border property can be set on classes, ids or directly on the HTML element.

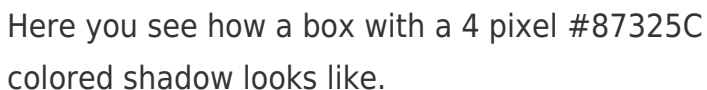
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87325C }
```

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

```
.border{ border-color:#87325C }
```

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



Here you see how a box with a 4 pixel #87325C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87325C; -webkit-box-shadow:4px 4px  
4px 4px #87325C; box-shadow:4px 4px 4px  
4px #87325C }
```

Background

The CSS property to change the background color of an element to Hex 87325C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87325C }
```

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

```
.background{ background-color:#87325C }
```

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