

Converting Colors

Hex(873457)

Have a look what the booklet for
Hex(873457) contains.

Hex(873457)	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(873457)

Conversions

Conversions Part 1

Format	Color
Hex	873457
RGB	135, 52, 87
RGB Percent	53%, 20%, 34%
CMY	0.4706, 0.7961, 0.6588
CMYK	0.00, 0.61, 0.36, 0.47
HSL	335°, 44%, 37%
HSV	335°, 61%, 53%
XYZ	12.9400, 8.2950, 9.9359
YIQ	80.8070, 38.2330, 28.4810

Conversions

Conversions Part 2

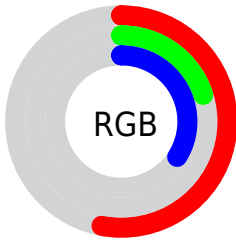
Format	Color
R_{YB}	135, 52, 87
Decimal	8860759
CIE _{Lab}	34.59, 39.16, -2.82
CIE _{LCh}	35, 39.260, 355.883
Yxy	8.2950, 0.4151, 0.2661
Android (android.graphics.Color)	4287050839 (0xFF873457)
YUV	80.8070, 3.0531, 47.5273
Hunter-Lab	28.8010, 29.7961, -0.2934

Details

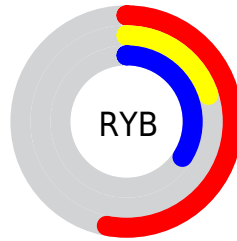
The Hex color **873457** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **348764**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **BF6789**, and **52002A** is the 20% darker color. If you saturate the color by 10%, you get **87274F**, and if you desaturate by 10%, it is **87425F**.

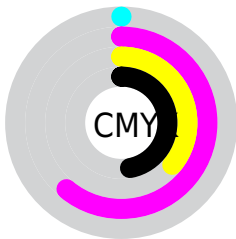
Distribution



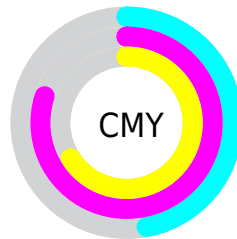
- Red (53%)
- Green (20%)
- Blue (34%)



- Red (53%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (61%)
- Yellow (36%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 873457 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 873457 by changing the saturation by 10% instead.

 873457

 873457

FFFFFF

 6C1A40

 BF6789

 52002A

 DC81A3

 380016

 F99CBE

 1D0001

 FFB7DA

 000000

 FFD4F6

 FFF0FF

 873457

 873457

 87274F

 87425F

871947

874F67

870B40

875D6E

870039

876A76

87787E

878586

87938E

87A095

87AE9D

Harmonies

Analogous

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



733D75



873457



893738

Triad

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



873457



475813



005D85

Complementary

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



873457



348764

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.



00606C



873457



1B5D2C

Square

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



873457



654E0C



00604C



005690

Rectangle

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



873457



823E26



00604C



005E7E

Sweetspot

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



873457



B0909E



633487



59464E



D9D9D9



595959

Same Dimension

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



873457



B02E65



873A34



423C3E



820037



030001

Inverse Universe

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



873457



B02E65



348187



423C3E



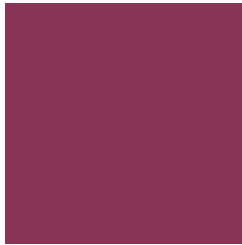
820037



030001

Previews

White Background



This preview shows how the Hex color 873457 looks on a white background.

Color Contrast Check

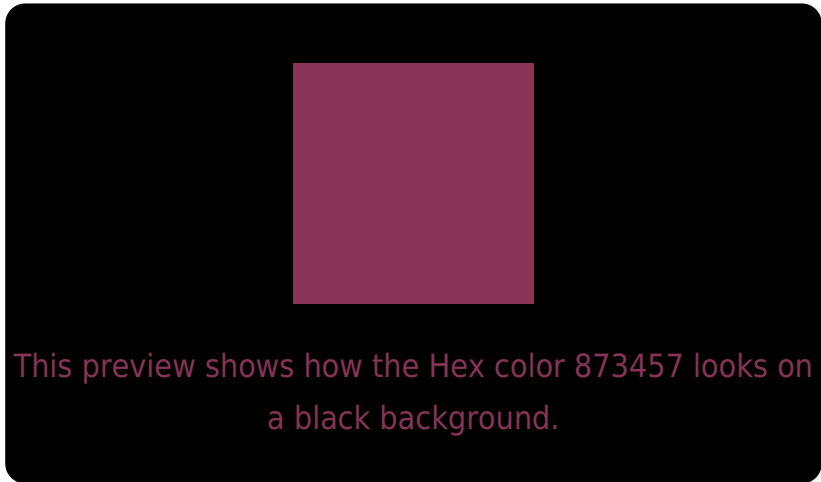
Large Text (above 18pt) WCAG AA ✓ Pass

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

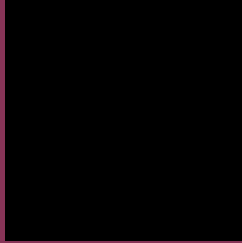
Any Text WCAG AA × Fail

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 873457 Background



This preview shows how black text looks on a background with the Hex color 873457.



This preview shows how white text looks on a background with the Hex color 873457.

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
873457

Protanopia
4C516A

Deuteranopia
5A5053



Tritanopia
853A3D

Trichromacy



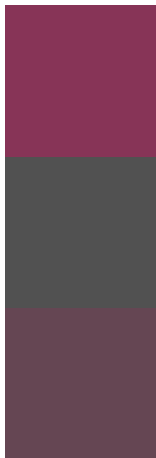
Original Color
873457

Protanomaly
614663

Deuteranomaly
6A4654

Tritanomaly
863846

Monochromacy



Original Color
873457

Achromatopsia
515151

Achromatomaly
654653

CSS Examples

Text

The CSS property to change the color of the text to Hex 873457 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 #873457 looks like.

```
.text, #text, p{  
    color:#873457  
}
```

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 #873457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #873457
}
```

Border

The CSS property to change the border of an element to Hex 873457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

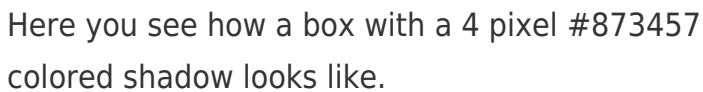
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#873457 }
```

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

```
.border{ border-color:#873457 }
```

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



Here you see how a box with a 4 pixel #873457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #873457; -webkit-box-shadow:4px 4px  
4px 4px #873457; box-shadow:4px 4px 4px  
4px #873457 }
```

Background

The CSS property to change the background color of an element to Hex 873457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#873457 }
```

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

```
.background{ background-color:#873457 }
```

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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