

Converting Colors

Hex(852457)

Have a look what the booklet for
Hex(852457) contains.

Hex(852457)	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(852457)

Conversions

Conversions Part 1

Format	Color
Hex	852457
RGB	133, 36, 87
RGB Percent	52%, 14%, 34%
CMY	0.4784, 0.8588, 0.6588
CMYK	0.00, 0.73, 0.35, 0.48
HSL	328°, 57%, 33%
HSV	328°, 73%, 52%
XYZ	12.0240, 6.9364, 9.7219
YIQ	70.8170, 41.4410, 36.4250

Conversions

Conversions Part 2

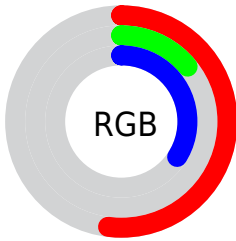
Format	Color
R_{YB}	133, 36, 87
Decimal	8725591
CIE Lab	31.66, 45.56, -7.22
CIE LCh	32, 46.130, 351.001
Yxy	6.9364, 0.4192, 0.2418
Android (android.graphics.Color)	4286915671 (0xFF852457)
YUV	70.8170, 7.9782, 54.5345
Hunter-Lab	26.3371, 35.4033, -3.4501

Details

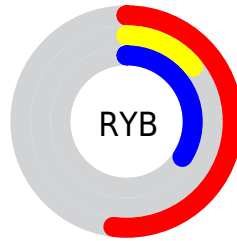
The Hex color **852457** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **248552**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BD5989**, and **4F002A** is the 20% darker color. If you saturate the color by 10%, you get **851751**, and if you desaturate by 10%, it is **85315D**.

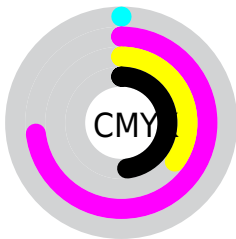
Distribution



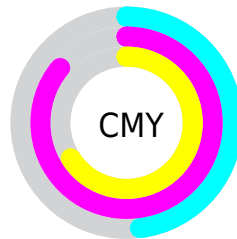
- Red (52%)
- Green (14%)
- Blue (34%)



- Red (52%)
- Yellow (14%)
- Blue (34%)



- Cyan (0%)
- Magenta (73%)
- Yellow (35%)
- Black (48%)



- Cyan (48%)
- Magenta (86%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 852457 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 852457 by changing the saturation by 10% instead.

 852457

 852457

FFFFFF

 6A0040

 BD5989

 4F002A

 DA74A3

 370016

 F88FBE

 150000

 FFAADA

 000000

 FFC6F6

 FFE3FF

 852457

 852457

 851751

 85315D

85094A

853F64

850046

854C6A

855970

856777

85747D

858183

858E89

859C90

Harmonies

Analogous

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



6B3479



852457



8A2533

Triad

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



852457



435000



005982

Complementary

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



852457



248552

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.



005B63



852457



0B5719

Square

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



852457



644500



005A3E



005292

Rectangle

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



852457



832F1C



005A3E



005A79

Sweetspot

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



852457



AD879B



512485



57404C



D6D6D6



575757

Same Dimension

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



852457



AD1565



852427



423C3F



820044



030001

Inverse Universe

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



852457



AD1565



248582



423C3F



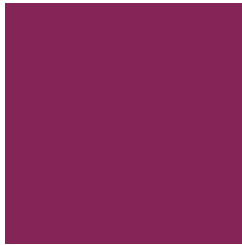
820044



030001

Previews

White Background



This preview shows how the Hex color 852457 looks on a white background.

Color Contrast Check

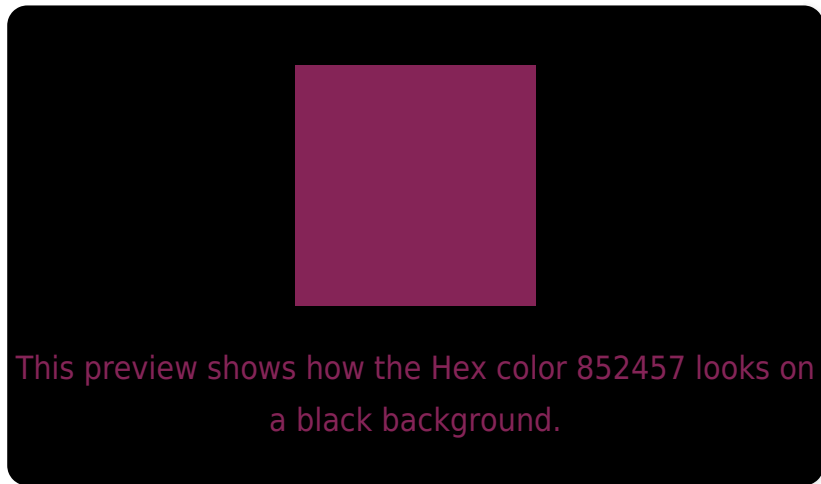
Large Text (above 18pt) WCAG AA ✓ Pass

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

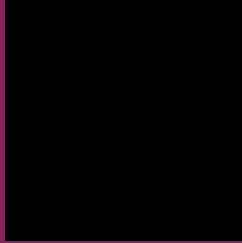
Any Text WCAG AA × Fail

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 852457 Background



This preview shows how black text looks on a background with the Hex color 852457.



This preview shows how white text looks on a background with the Hex color 852457.

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
822E31

Trichromacy



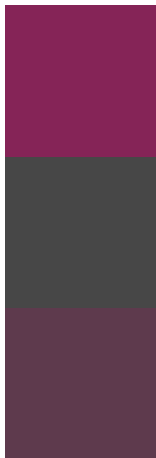
Original Color
852457

Protanomaly
583D68

Deuteranomaly
633C54

Tritanomaly
832A3F

Monochromacy



Original Color
852457

Achromatopsia
474747

Achromatomaly
5E3A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 852457 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 #852457 looks like.

```
.text, #text, p{  
    color:#852457  
}
```

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 #852457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #852457
}
```

Border

The CSS property to change the border of an element to Hex 852457 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".

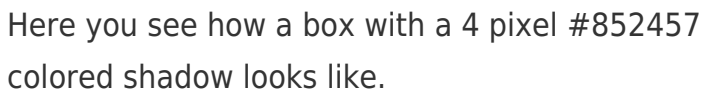
```
.border, #border, table{ border:4px solid
#852457 }
```

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

```
.border{ border-color:#852457 }
```

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

Here you see how a box with a 4 pixel #852457 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #852457; -webkit-box-shadow:4px 4px  
4px 4px #852457; box-shadow:4px 4px 4px  
4px #852457 }
```

Background

The CSS property to change the background color of an element to Hex 852457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#852457 }
```

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

```
.background{ background-color:#852457 }
```

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