

Converting Colors

Hex(833178)

Have a look what the booklet for
Hex(833178) contains.

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Color

Hex(833178)

Conversions

Conversions Part 1

Format	Color
Hex	833178
RGB	131, 49, 120
RGB Percent	51%, 19%, 47%
CMY	0.4863, 0.8078, 0.5294
CMYK	0.00, 0.63, 0.08, 0.49
HSL	308°, 46%, 35%
HSV	308°, 63%, 51%
XYZ	13.8486, 8.3780, 18.6565
YIQ	81.6120, 26.0810, 39.4650

Conversions

Conversions Part 2

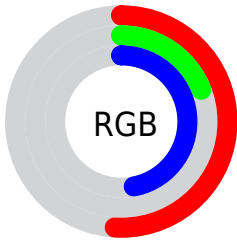
Format	Color
RYB	131, 49, 120
Decimal	8597880
CIELab	34.76, 44.32, -23.57
CIElCh	35, 50.196, 331.994
Yxy	8.3780, 0.3387, 0.2049
Android (android.graphics.Color)	4286787960 (0xFF833178)
YUV	81.6120, 18.9253, 43.3133
Hunter-Lab	28.9448, 34.7496, -17.9544

Details

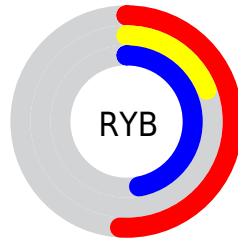
The Hex color **833178** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **31833C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **BA65AD**, and **4F0047** is the 20% darker color. If you saturate the color by 10%, you get **832476**, and if you desaturate by 10%, it is **833E7A**.

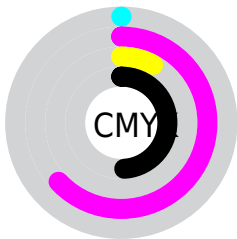
Distribution



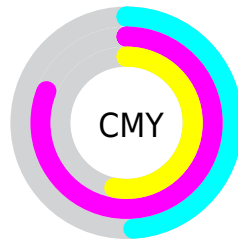
- Red (51%)
- Green (19%)
- Blue (47%)



- Red (51%)
- Yellow (19%)
- Blue (47%)



- Cyan (0%)
- Magenta (63%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833178 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 833178 by changing the saturation by 10% instead.

 833178

 833178

FFFFFF

 68155F

 BA65AD

 4F0047

 D77FC8

 360030

 F49AE4

 1D001B

 FFB5FF

 000000

 FFD2FF

 FFEEFF

 833178

 833178

 832476

 833E7A

831774

834B7C

830A73

83587D

830071

83657F

837281

838083

838D84

839A86

83A788

Harmonies

Analogous

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



534696



833178



972451

Triad

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



833178



615100



00637B

Complementary

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



833178



31833C

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.



006353



833178



385B00

Square

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



833178



804102



00612A



005F98

Rectangle

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



833178



972836



00612A



00646F

Sweetspot

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



833178



AB8AA6



3C3183



574354



D6D6D6



575757

Same Dimension

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



833178



AB2B9A



83314F



423C41



820071



030002

Inverse Universe

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



833178



AB2B9A



318365



423C41



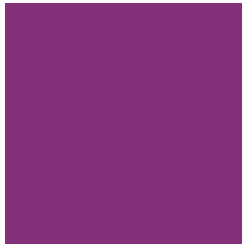
820071



030002

Previews

White Background



This preview shows how the Hex color 833178 looks on a white background.

Color Contrast Check

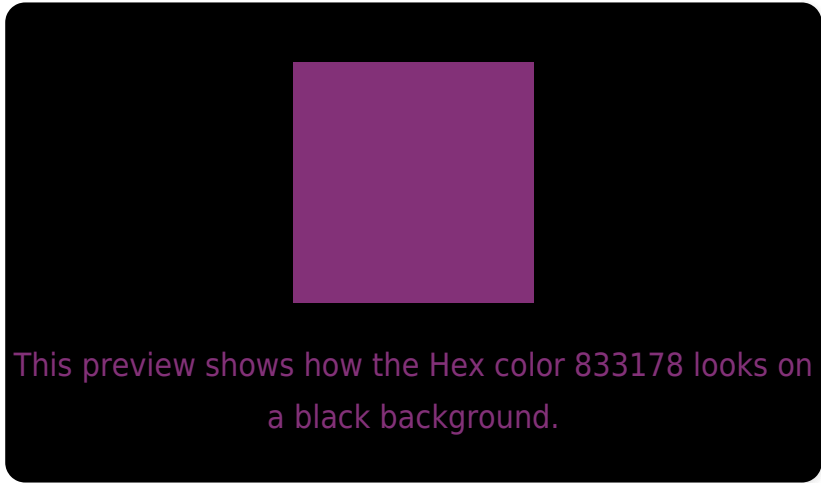
Large Text (above 18pt) WCAG AA ✓ Pass

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

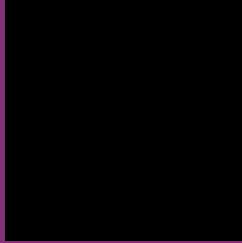
Any Text WCAG AA × Fail

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 833178 Background



This preview shows how black text looks on a background with the Hex color 833178.



This preview shows how white text looks on a background with the Hex color 833178.

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
7D3F44

Trichromacy



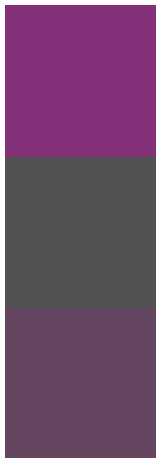
Original Color
833178

Protanomaly
504589

Deuteranomaly
5D4675

Tritanomaly
7F3A57

Monochromacy



Original Color
833178

Achromatopsia
525252

Achromatomaly
644660

CSS Examples

Text

The CSS property to change the color of the text to Hex 833178 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 #833178 looks like.

```
.text, #text, p{  
    color:#833178  
}
```

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 #833178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833178
}
```

Border

The CSS property to change the border of an element to Hex 833178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

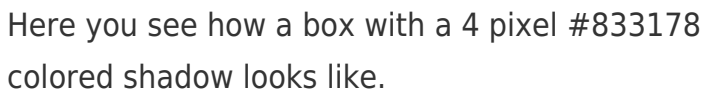
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833178 }
```

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

```
.border{ border-color:#833178 }
```

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



Here you see how a box with a 4 pixel #833178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833178; -webkit-box-shadow:4px 4px  
4px 4px #833178; box-shadow:4px 4px 4px  
4px #833178 }
```

Background

The CSS property to change the background color of an element to Hex 833178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833178 }
```

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

```
.background{ background-color:#833178 }
```

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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