

Converting Colors

Hex(845178)

Have a look what the booklet for
Hex(845178) contains.

Hex(845178)	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(845178)

Conversions

Conversions Part 1

Format	Color
Hex	845178
RGB	132, 81, 120
RGB Percent	52%, 32%, 47%
CMY	0.4824, 0.6824, 0.5294
CMYK	0.00, 0.39, 0.09, 0.48
HSL	314°, 24%, 42%
HSV	314°, 39%, 52%
XYZ	15.8483, 12.1465, 19.2785
YIQ	100.6950, 17.8770, 22.9410

Conversions

Conversions Part 2

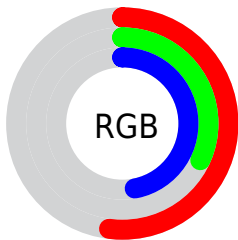
Format	Color
R_{YB}	132, 81, 120
Decimal	8671608
CIE _{Lab}	41.45, 27.58, -13.26
CIE _{LCh}	41, 30.602, 334.328
Yxy	12.1465, 0.3352, 0.2569
Android (android.graphics.Color)	4286861688 (0xFF845178)
YUV	100.6950, 9.5174, 27.4545
Hunter-Lab	34.8518, 20.1796, -8.4004

Details

The Hex color **845178** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **51845D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BA83AC**, and **512247** is the 20% darker color. If you saturate the color by 10%, you get **844475**, and if you desaturate by 10%, it is **845E7B**.

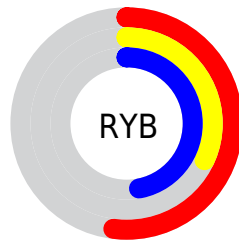
Distribution



Red (52%)

Green (32%)

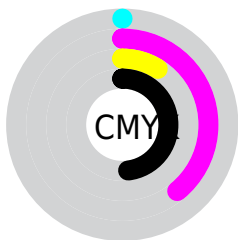
Blue (47%)



Red (52%)

Yellow (32%)

Blue (47%)

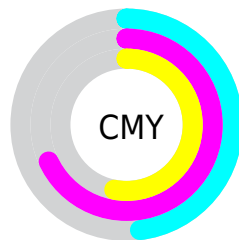


Cyan (0%)

Magenta (39%)

Yellow (9%)

Black (48%)



Cyan (48%)

Magenta (68%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 845178 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 845178 by changing the saturation by 10% instead.

 845178

 845178

FFFFFF

 6A395F

 BA83AC

 512247

 D69EC8

 390B31

 F3B9E4

 25001C

 FFD5FF

 000000

 FFF1FF

 845178

 845178

 844475

 845E7B

 843772

 846B7E

84296F

847981

841C6C

848684

840F68

849388

840265

84A08B

840065

84AD8E

84BB91

84C894

Harmonies

Analogous

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



695A8B



845178



914D5F

Triad

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



845178



6E622E



006E7D

Complementary

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



845178



51845D

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.



006F65



845178



536937

Square

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



845178



835935



336D4B



006A8F

Rectangle

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



845178



914F4E



336D4B



006F76

Sweetspot

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



845178



AB96A6



5D5184



574B54



D6D6D6



575757

Same Dimension

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



845178



AB5C98



84515F



423C41



820063



030002

Inverse Universe

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



845178



AB5C98



518476



423C41



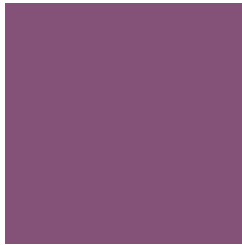
820063



030002

Previews

White Background



This preview shows how the Hex color 845178 looks on a white background.

Color Contrast Check

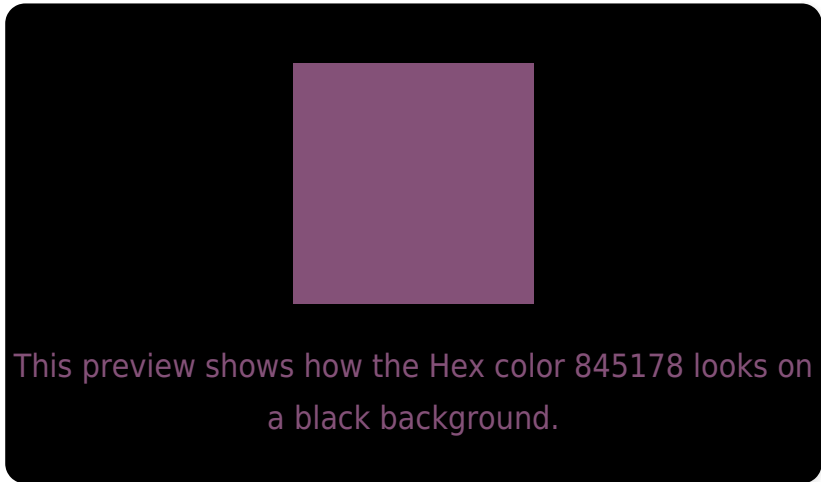
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

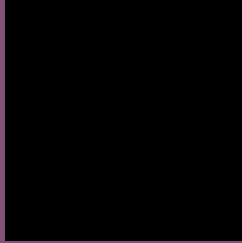
Any Text WCAG AA × Fail

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 845178 Background



This preview shows how black text looks on a background with the Hex color 845178.




This preview shows how white text looks on a background with the Hex color 845178.

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
81565D

Trichromacy



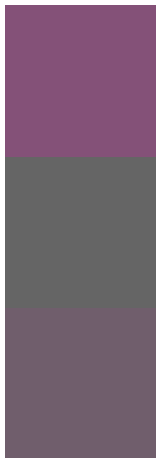
Original Color
845178

Protanomaly
685B7F

Deuteranomaly
6E5B76

Tritanomaly
825467

Monochromacy



Original Color
845178

Achromatopsia
656565

Achromatomaly
705E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 845178 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 #845178 looks like.

```
.text, #text, p{  
    color:#845178  
}
```

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 #845178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845178
}
```

Border

The CSS property to change the border of an element to Hex 845178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

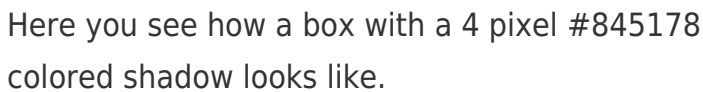
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845178 }
```

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

```
.border{ border-color:#845178 }
```

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



Here you see how a box with a 4 pixel #845178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845178; -webkit-box-shadow:4px 4px  
4px 4px #845178; box-shadow:4px 4px 4px  
4px #845178 }
```

Background

The CSS property to change the background color of an element to Hex 845178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845178 }
```

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

```
.background{ background-color:#845178 }
```

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