

Converting Colors

Hex(8D4677)

Have a look what the booklet for
Hex(8D4677) contains.

Hex(8D4677)	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(8D4677)

Conversions

Conversions Part 1

Format	Color
Hex	8D4677
RGB	141, 70, 119
RGB Percent	55%, 27%, 47%
CMY	0.4471, 0.7255, 0.5333
CMYK	0.00, 0.50, 0.16, 0.45
HSL	319°, 34%, 41%
HSV	319°, 50%, 55%
XYZ	16.5044, 11.3749, 18.7785
YIQ	96.8150, 26.5870, 30.2910

Conversions

Conversions Part 2

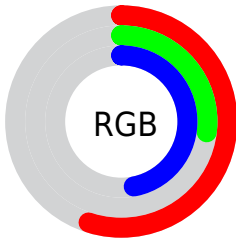
Format	Color
R_{YB}	141, 70, 119
Decimal	9258615
CIE _{Lab}	40.20, 36.69, -14.42
CIE _{LCh}	40, 39.419, 338.541
Yxy	11.3749, 0.3537, 0.2438
Android (android.graphics.Color)	4287448695 (0xFF8D4677)
YUV	96.8150, 10.9372, 38.7502
Hunter-Lab	33.7268, 28.3284, -9.4029

Details

The Hex color **8D4677** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **468D5C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **C479AB**, and **591446** is the 20% darker color. If you saturate the color by 10%, you get **8D3873**, and if you desaturate by 10%, it is **8D547B**.

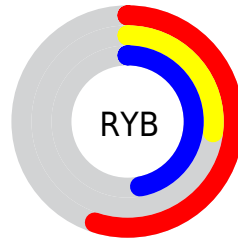
Distribution



Red (55%)

Green (27%)

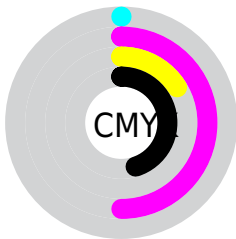
Blue (47%)



Red (55%)

Yellow (27%)

Blue (47%)

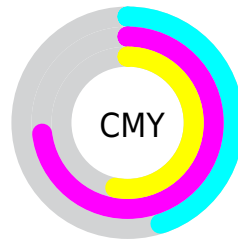


Cyan (0%)

Magenta (50%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D4677 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 8D4677 by changing the saturation by 10% instead.

8D4677

8D4677

FFFFFF

722D5E

C479AB

591446

E193C7

3F0030

FEAEE3

2B001C

FFCAFF

000000

FFE7FF

8D4677

8D4677

8D3873

8D547B

8D2A6E

8D6280

 8D1C6A

 8D7084

 8D0E66

 8D7E88

 8D0061

 8D8D8D

 8D9B91

 8DA996

 8DB79A

 8DC59E

Harmonies

Analogous

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



6D5291



8D4677



9A4257

Triad

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



8D4677



68601A



006D86

Complementary

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



8D4677



468D5C

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.



006F67



8D4677



45682A

Square

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



8D4677



835521



046D46



00689A

Rectangle

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



8D4677



984542



046D46



006E7D

Sweetspot

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



8D4677



B89CAF



5B468D



5C4B57



DBDBDB



5C5C5C

Same Dimension

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



8D4677



B84995



8D4654



474045



87005D



080005

Inverse Universe

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



8D4677



B84995



468D7F



474045



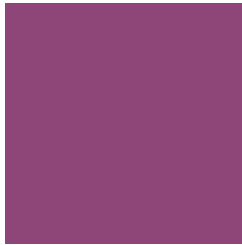
87005D



080005

Previews

White Background



This preview shows how the Hex color 8D4677 looks on a white background.

Color Contrast Check

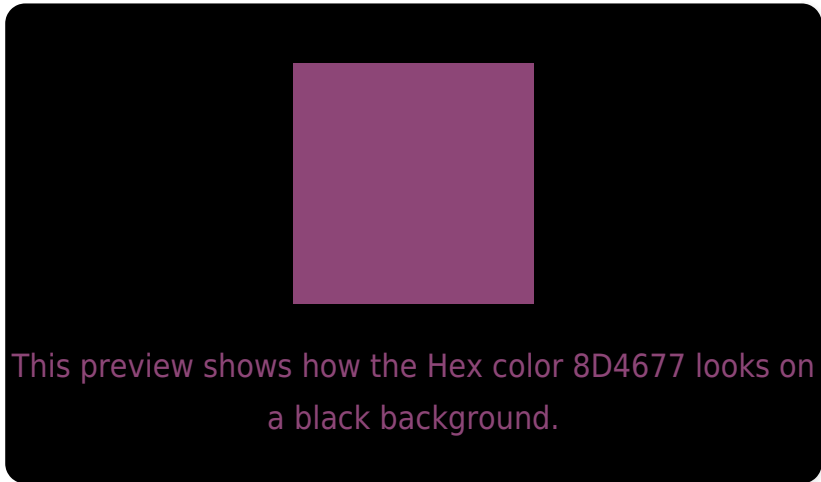
Large Text (above 18pt) WCAG AA ✓ Pass

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

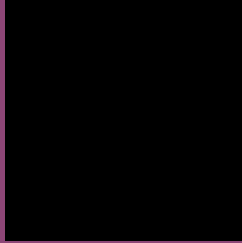
Any Text WCAG AA × Fail

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 8D4677 Background



This preview shows how black text looks on a background with the Hex color 8D4677.



This preview shows how white text looks on a background with the Hex color 8D4677.

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
8D4677

Protanopia
525E89

Deuteranopia
5F5D73



Tritanopia
894E53

Trichromacy



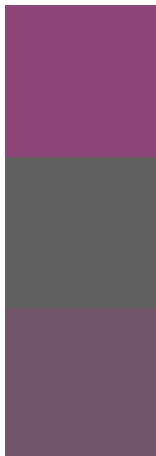
Original Color
8D4677

Protanomaly
675582

Deuteranomaly
705574

Tritanomaly
8A4B60

Monochromacy



Original Color
8D4677

Achromatopsia
616161

Achromatomaly
715769

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D4677 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 #8D4677 looks like.

```
.text, #text, p{  
    color:#8D4677  
}
```

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 #8D4677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D4677  
}
```

Border

The CSS property to change the border of an element to Hex 8D4677 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  
#8D4677 }
```

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

```
.border{ border-color:#8D4677 }
```

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

Here you see how a box with a 4 pixel #8D4677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D4677; -webkit-box-shadow:4px 4px  
4px 4px #8D4677; box-shadow:4px 4px 4px  
4px #8D4677 }
```

Background

The CSS property to change the background color of an element to Hex 8D4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D4677 }
```

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

```
.background{ background-color:#8D4677 }
```

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