

Converting Colors

Hex(8F4678)

Have a look what the booklet for
Hex(8F4678) contains.

Hex(8F4678)	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(8F4678)

Conversions

Conversions Part 1

Format	Color
Hex	8F4678
RGB	143, 70, 120
RGB Percent	56%, 27%, 47%
CMY	0.4392, 0.7255, 0.5294
CMYK	0.00, 0.51, 0.16, 0.44
HSL	319°, 34%, 42%
HSV	319°, 51%, 56%
XYZ	16.9080, 11.5760, 19.1125
YIQ	97.5270, 27.4580, 31.0260

Conversions

Conversions Part 2

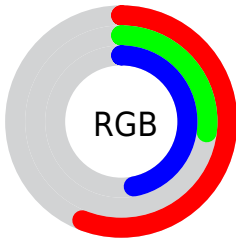
Format	Color
R_{YB}	143, 70, 120
Decimal	9389688
CIE _{Lab}	40.53, 37.52, -14.51
CIE _{LCh}	41, 40.230, 338.859
Yxy	11.5760, 0.3552, 0.2432
Android (android.graphics.Color)	4287579768 (0xFF8F4678)
YUV	97.5270, 11.0792, 39.8798
Hunter-Lab	34.0236, 29.1644, -9.4893

Details

The Hex color **8F4678** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **468F5D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **C679AC**, and **5A1347** is the 20% darker color. If you saturate the color by 10%, you get **8F3873**, and if you desaturate by 10%, it is **8F547D**.

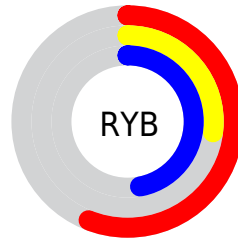
Distribution



Red (56%)

Green (27%)

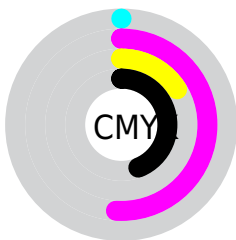
Blue (47%)



Red (56%)

Yellow (27%)

Blue (47%)

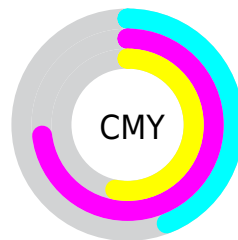


Cyan (0%)

Magenta (51%)

Yellow (16%)

Black (44%)



Cyan (44%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8F4678 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 8F4678 by changing the saturation by 10% instead.

8F4678

8F4678

FFFFFF

742D5F

C679AC

5A1347

E393C8

410031

FFAFE4

2C001C

FFCBFF

000000

FFE7FF

8F4678

8F4678

8F3873

8F547D

8F296F

8F6381

 8F1B6A

 8F7186

 8F0D66

 8F7F8A

 8F0062

 8F8E8F

 8F9C93

 8FAA98

 8FB89C

 8FC7A1

Harmonies

Analogous

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



6E5393



8F4678



9C4257

Triad

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



8F4678



686119



006E88

Complementary

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



8F4678



468F5D

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.



007069



8F4678



456929

Square

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



8F4678



845520



006E47



00699D

Rectangle

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



8F4678



9A4542



006E47



006F7E

Sweetspot

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



8F4678



BA9EB1



5C468F



5E4D59



DEDEDE



5E5E5E

Same Dimension

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



8F4678



BA4996



8F4655



474045



87005D



080005

Inverse Universe

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



8F4678



BA4996



468F80



474045



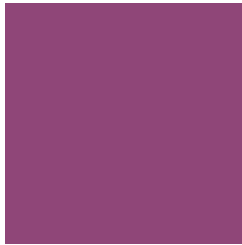
87005D



080005

Previews

White Background



This preview shows how the Hex color 8F4678 looks on a white background.

Color Contrast Check

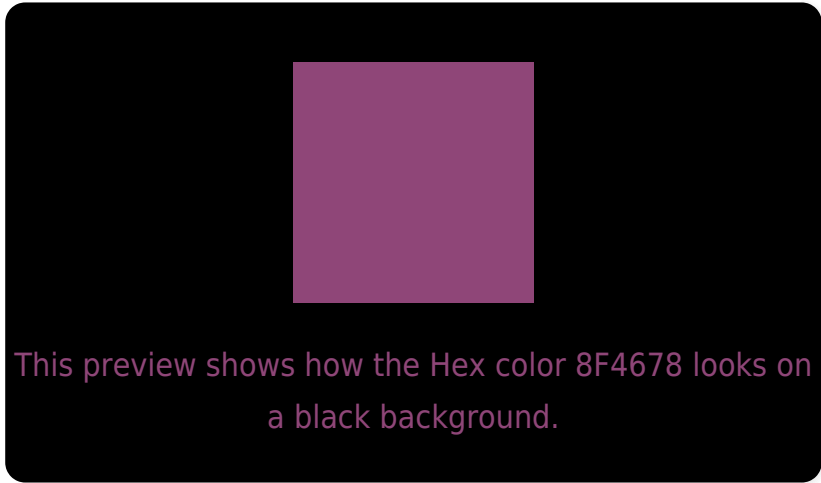
Large Text (above 18pt) WCAG AA ✓ Pass

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

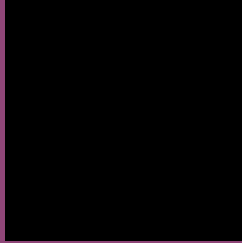
Any Text WCAG AA × Fail

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 8F4678 Background



This preview shows how black text looks on a background with the Hex color 8F4678.

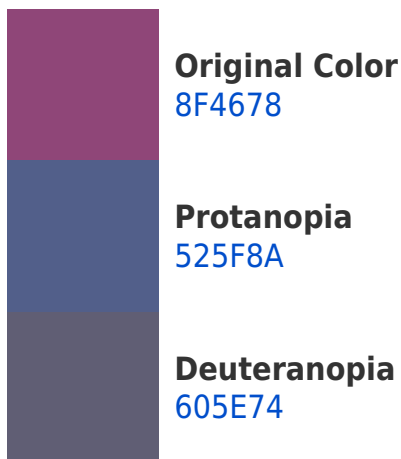


This preview shows how white text looks on a background with the Hex color 8F4678.

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](#).

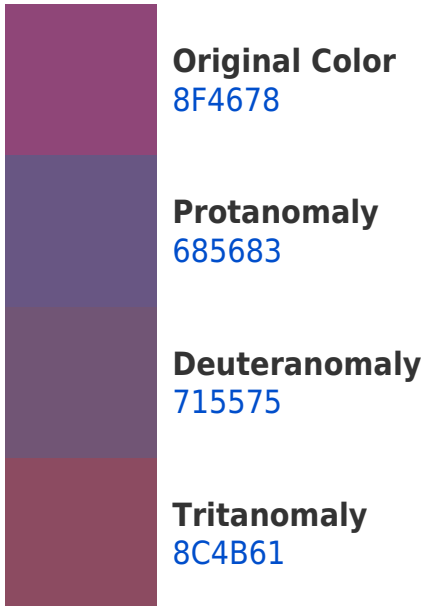
Dichromacy



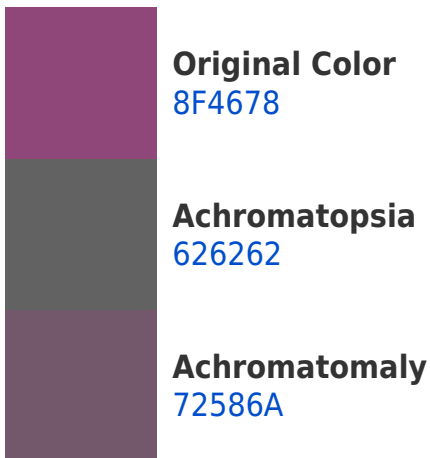


Tritanopia
8B4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8F4678 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 #8F4678 looks like.

```
.text, #text, p{  
    color:#8F4678  
}
```

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 #8F4678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F4678  
}
```

Border

The CSS property to change the border of an element to Hex 8F4678 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  
#8F4678 }
```

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

```
.border{ border-color:#8F4678 }
```

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

Here you see how a box with a 4 pixel #8F4678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F4678; -webkit-box-shadow:4px 4px  
4px 4px #8F4678; box-shadow:4px 4px 4px  
4px #8F4678 }
```

Background

The CSS property to change the background color of an element to Hex 8F4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F4678 }
```

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

```
.background{ background-color:#8F4678 }
```

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