

Converting Colors

Hex(81578F)

Have a look what the booklet for
Hex(81578F) contains.

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Color

Hex(81578F)

Conversions

Conversions Part 1

Format	Color
Hex	81578F
RGB	129, 87, 143
RGB Percent	51%, 34%, 56%
CMY	0.4941, 0.6588, 0.4392
CMYK	0.10, 0.39, 0.00, 0.44
HSL	285°, 24%, 45%
HSV	285°, 39%, 56%
XYZ	17.4194, 13.4667, 27.6678
YIQ	105.9420, 7.0560, 26.3200

Conversions

Conversions Part 2

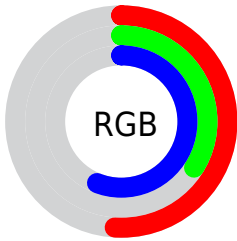
Format	Color
R_{YB}	129, 87, 143
Decimal	8476559
CIE _{Lab}	43.46, 27.73, -24.16
CIE _{LCh}	43, 36.778, 318.926
Yxy	13.4667, 0.2975, 0.2300
Android (android.graphics.Color)	4286666639 (0xFF81578F)
YUV	105.9420, 18.2696, 20.2219
Hunter-Lab	36.6970, 20.5109, -19.0140

Details

The Hex color **81578F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **658F57**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B78AC5**, and **4E285C** is the 20% darker color. If you saturate the color by 10%, you get **7D498F**, and if you desaturate by 10%, it is **85658F**.

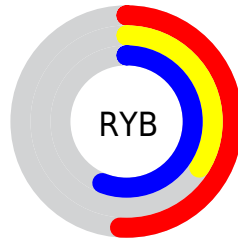
Distribution



Red (51%)

Green (34%)

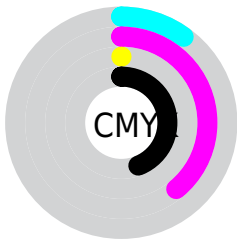
Blue (56%)



Red (51%)

Yellow (34%)

Blue (56%)

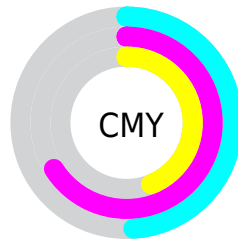


Cyan (10%)

Magenta (39%)

Yellow (0%)

Black (44%)



Cyan (49%)


Magenta (66%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81578F 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 81578F by changing the saturation by 10% instead.

 81578F

 81578F

FFFFFF

 673F75

 B78AC5

 4E285C

 D3A4E1

 361145

 EFC0FE


 21002E

 FFDCFF

 000119

 FFF8FF

 000000

 81578F

 81578F

 7D498F

 85658F

 7A3A8F

 88748F

 762C8F

 8C828F

 731E8F

 8F908F

 6F108F

 939F8F

 6C018F

 96AD8F

 6B008F

 9ABB8F

 9EC98F

 A1D88F

Harmonies

Analogous

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



5663A0



81578F



994E73

Triad

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



81578F



826129



007679

Complementary

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



81578F



658F57

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.



00755A



81578F



656B2A

Square

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



81578F



97563A



42723D



007394

Rectangle

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



81578F



9F4C5F



42723D



00766F

Sweetspot

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



81578F



B5A4BA



57658F



5B515E



DEDEDE



5E5E5E

Same Dimension

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



81578F



A463BA



8F5781



464047



650087



060008

Inverse Universe

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



8F5765



BA6379



578F65



474042



870022



080002

Previews

White Background



This preview shows how the Hex color 81578F looks on a white background.

Color Contrast Check

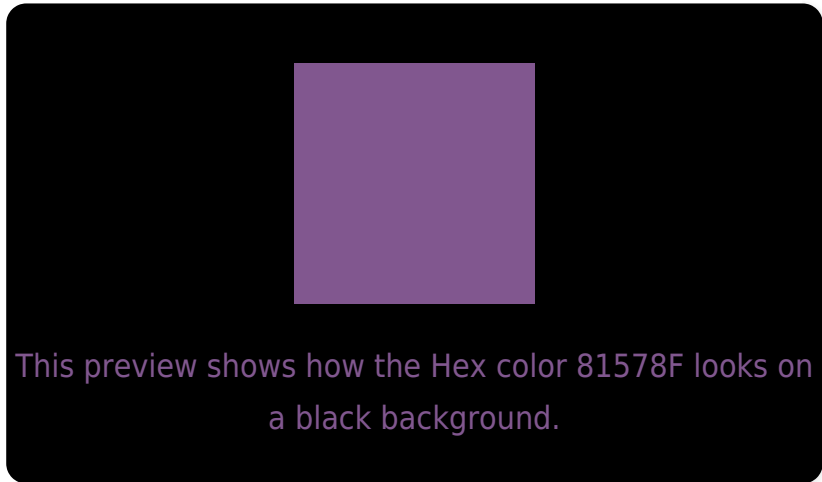
Large Text (above 18pt) WCAG AA ✓ Pass

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

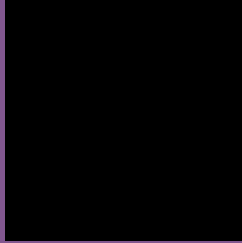
Any Text WCAG AA × Fail

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 81578F Background



This preview shows how black text looks on a background with the Hex color 81578F.



This preview shows how white text looks on a background with the Hex color 81578F.

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
7B6067

Trichromacy



Original Color
81578F

Protanomaly
656096

Deuteranomaly
69618D

Tritanomaly
7D5D76

Monochromacy



Original Color
81578F

Achromatopsia
6A6A6A

Achromatomaly
726377

CSS Examples

Text

The CSS property to change the color of the text to Hex 81578F 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 #81578F looks like.

```
.text, #text, p{  
    color:#81578F  
}
```

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 #81578F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81578F
}
```

Border

The CSS property to change the border of an element to Hex 81578F is called "border". The border property can be set on classes, ids or directly on the HTML element.

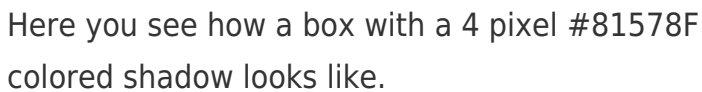
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81578F }
```

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

```
.border{ border-color:#81578F }
```

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



Here you see how a box with a 4 pixel #81578F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81578F; -webkit-box-shadow:4px 4px  
4px 4px #81578F; box-shadow:4px 4px 4px  
4px #81578F }
```

Background

The CSS property to change the background color of an element to Hex 81578F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81578F }
```

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

```
.background{ background-color:#81578F }
```

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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