

Converting Colors

Hex(81568E)

Have a look what the booklet for
Hex(81568E) contains.

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Color

Hex(81568E)

Conversions

Conversions Part 1

Format	Color
Hex	81568E
RGB	129, 86, 142
RGB Percent	51%, 34%, 56%
CMY	0.4941, 0.6627, 0.4431
CMYK	0.09, 0.39, 0.00, 0.44
HSL	286°, 25%, 45%
HSV	286°, 39%, 56%
XYZ	17.2635, 13.2757, 27.2438
YIQ	105.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

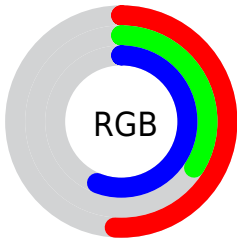
Format	Color
R_{YB}	129, 86, 142
Decimal	8476302
CIE _{Lab}	43.18, 28.09, -24.00
CIE _{LCh}	43, 36.949, 319.492
Yxy	13.2757, 0.2988, 0.2298
Android (android.graphics.Color)	4286666382 (0xFF81568E)
YUV	105.2410, 18.1222, 20.8366
Hunter-Lab	36.4358, 20.8118, -18.8272

Details

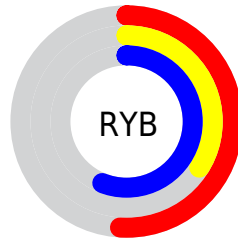
The Hex color **81568E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **638E56**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B789C4**, and **4E275B** is the 20% darker color. If you saturate the color by 10%, you get **7E488E**, and if you desaturate by 10%, it is **84648E**.

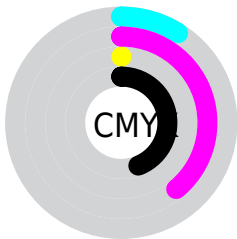
Distribution



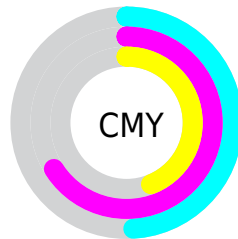
- Red (51%)
- Green (34%)
- Blue (56%)



- Red (51%)
- Yellow (34%)
- Blue (56%)



- Cyan (9%)
- Magenta (39%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (66%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81568E 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 81568E by changing the saturation by 10% instead.

81568E

81568E

FFFFFF

673E74

B789C4

4E275B

D3A3E0

361044

EFBEFD

21002D

FFDAFF

000118

FFF7FF

000000

81568E

81568E

7E488E

84648E

7A3A8E

88728E

772B8E

8B818E

741D8E

8E8F8E

710F8E

919D8E

6D018E

95AB8E

6D008E

98B98E

9BC88E

9FD68E

Harmonies

Analogous

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



5662A0



81568E



994D72

Triad

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



81568E



816128



007579

Complementary

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



81568E



638E56

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



81568E



646A29

Square

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



81568E



965539



40713D



007394

Rectangle

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



81568E



9F4C5D



40713D



00756F

Sweetspot

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



81568E



B2A2B8



56638E



594F5C



DBDBDB



5C5C5C

Same Dimension

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



81568E



A461B8



8E567F



464047



680087



060008

Inverse Universe

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



8E5663



B86175



568E65



474042



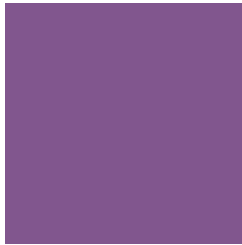
87001F



080002

Previews

White Background



This preview shows how the Hex color 81568E looks on a white background.

Color Contrast Check

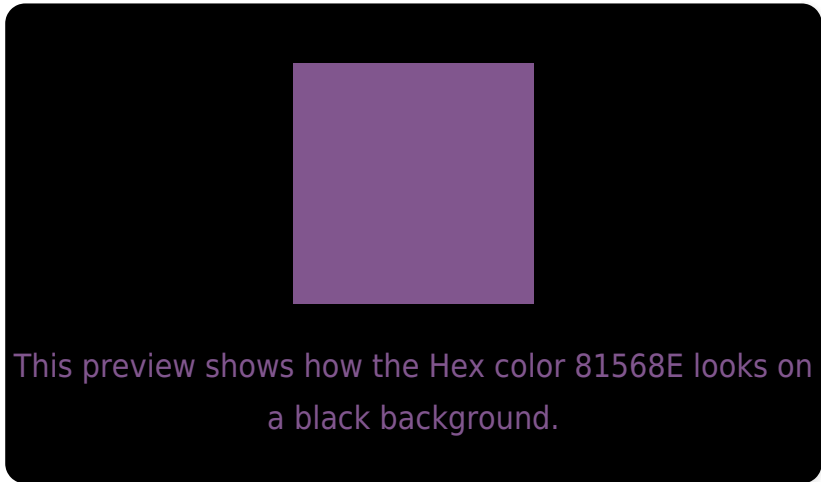
Large Text (above 18pt) WCAG AA ✓ Pass

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

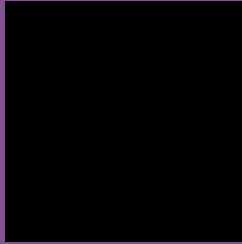
Any Text WCAG AA × Fail

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 81568E Background



This preview shows how black text looks on a background with the Hex color 81568E.



This preview shows how white text looks on a background with the Hex color 81568E.

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
7B5F66

Trichromacy



Original Color
81568E

Protanomaly
646096

Deuteranomaly
69608C

Tritanomaly
7D5C75

Monochromacy



Original Color
81568E

Achromatopsia
696969

Achromatomaly
726276

CSS Examples

Text

The CSS property to change the color of the text to Hex 81568E 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 #81568E looks like.

```
.text, #text, p{  
    color:#81568E  
}
```

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 #81568E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81568E
}
```

Border

The CSS property to change the border of an element to Hex 81568E is called "border". The border property can be set on classes, ids or directly on the HTML element.

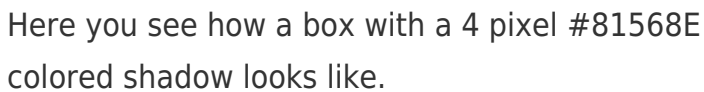
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81568E }
```

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

```
.border{ border-color:#81568E }
```

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



Here you see how a box with a 4 pixel #81568E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81568E; -webkit-box-shadow:4px 4px  
4px 4px #81568E; box-shadow:4px 4px 4px  
4px #81568E }
```

Background

The CSS property to change the background color of an element to Hex 81568E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81568E }
```

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

```
.background{ background-color:#81568E }
```

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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