

Converting Colors

Hex(80569C)

Have a look what the booklet for
Hex(80569C) contains.

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Color

Hex(80569C)

Conversions

Conversions Part 1

Format	Color
Hex	80569C
RGB	128, 86, 156
RGB Percent	50%, 34%, 61%
CMY	0.4980, 0.6627, 0.3882
CMYK	0.18, 0.45, 0.00, 0.39
HSL	276°, 29%, 47%
HSV	276°, 45%, 61%
XYZ	18.2306, 13.6451, 33.1254
YIQ	106.5380, 2.5620, 30.6740

Conversions

Conversions Part 2

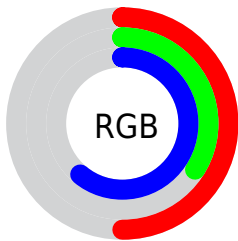
Format	Color
R_{YB}	128, 86, 156
Decimal	8410780
CIE _{Lab}	43.72, 30.94, -31.55
CIE _{LCh}	44, 44.189, 314.443
Yxy	13.6451, 0.2805, 0.2099
Android (android.graphics.Color)	4286600860 (0xFF80569C)
YUV	106.5380, 24.3848, 18.8222
Hunter-Lab	36.9392, 23.4515, -27.3111

Details

The Hex color **80569C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **729C56**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B689D3**, and **4D2768** is the 20% darker color. If you saturate the color by 10%, you get **7A469C**, and if you desaturate by 10%, it is **86669C**.

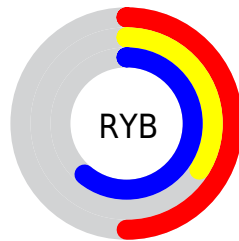
Distribution



Red (50%)

Green (34%)

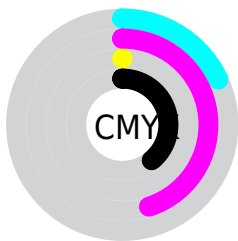
Blue (61%)



Red (50%)

Yellow (34%)

Blue (61%)

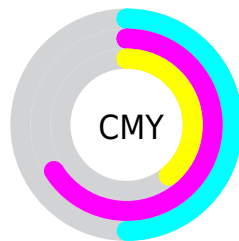


Cyan (18%)

Magenta (45%)

Yellow (0%)

Black (39%)



Cyan (50%)

Magenta (66%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80569C 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 80569C by changing the saturation by 10% instead.

 80569C

 80569C

FFFFFF

 663E82

 B689D3

 4D2768

 D2A3EF

 341050

 EFBFFF

 1E0039

 FFDBFF

 000022

 FFF7FF

 000008

 000000

 80569C

 80569C

 7A469C

 86669C

74379C

8C759C

6D279C

93859C

67189C

99949C

61089C

9FA49C

5E009C

A5B49C

ACC39C

B2D39C

B8E29C

Harmonies

Analogous

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



4365AE



80569C



A0487C

Triad

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



80569C



8B5F1D



007978

Complementary

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



80569C



729C56

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.



007852



80569C



6A6B19

Square

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



80569C



A25035



407330



00779A

Rectangle

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



80569C



A94563



407330



00796C

Sweetspot

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



80569C



C1B1CC



56729C



5F5666



E6E6E6



666666

Same Dimension

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



80569C



A05ECC



9C5695



4C474F



56008F



09000F

Inverse Universe

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



9C5672



CC5E8A



569C5D



4F474A



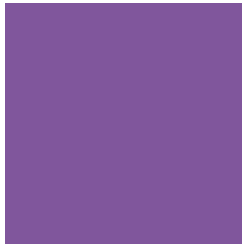
8F0039



0F0006

Previews

White Background



This preview shows how the Hex color 80569C looks on a white background.

Color Contrast Check

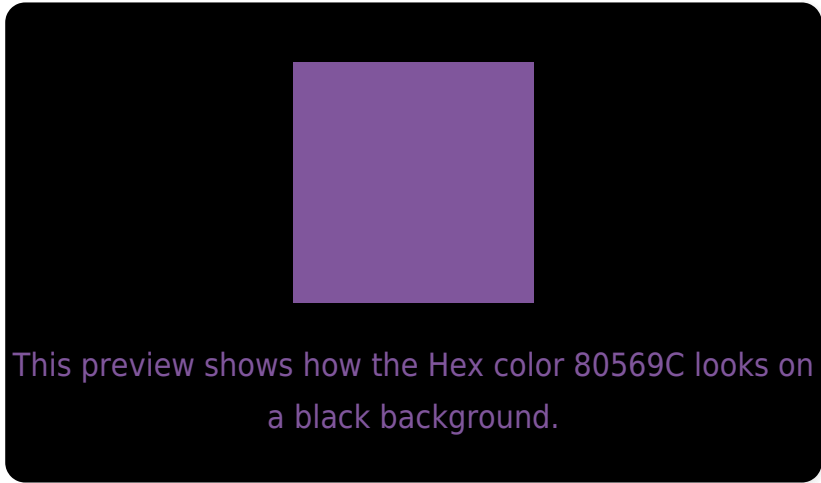
Large Text (above 18pt) WCAG AA ✓ Pass

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

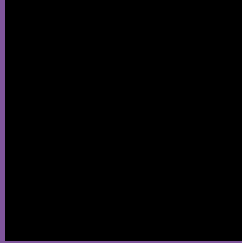
Any Text WCAG AA × Fail

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 80569C Background



This preview shows how black text looks on a background with the Hex color 80569C.

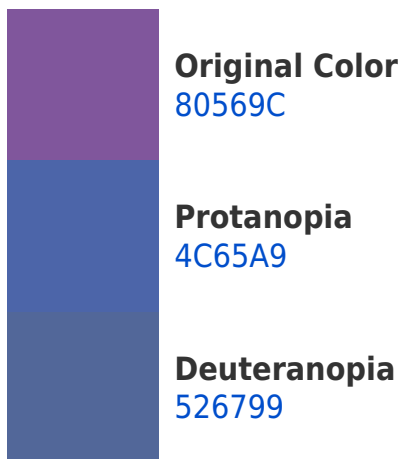


This preview shows how white text looks on a background with the Hex color 80569C.

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](#).

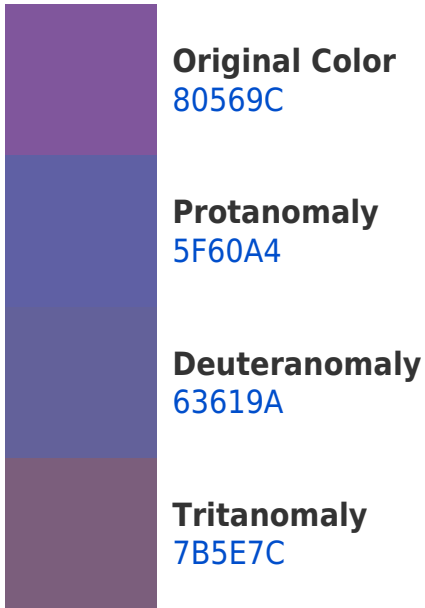
Dichromacy





Tritanopia
786269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80569C 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 #80569C looks like.

```
.text, #text, p{  
    color:#80569C  
}
```

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 #80569C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80569C
}
```

Border

The CSS property to change the border of an element to Hex 80569C is called "border". The border property can be set on classes, ids or directly on the HTML element.

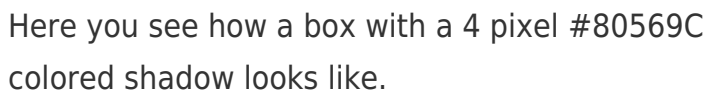
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80569C }
```

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

```
.border{ border-color:#80569C }
```

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



Here you see how a box with a 4 pixel #80569C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80569C; -webkit-box-shadow:4px 4px  
4px 4px #80569C; box-shadow:4px 4px 4px  
4px #80569C }
```

Background

The CSS property to change the background color of an element to Hex 80569C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80569C }
```

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

```
.background{ background-color:#80569C }
```

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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