

Converting Colors

Hex(814589)

Have a look what the booklet for
Hex(814589) contains.

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Color

Hex(814589)

Conversions

Conversions Part 1

Format	Color
Hex	814589
RGB	129, 69, 137
RGB Percent	51%, 27%, 54%
CMY	0.4941, 0.7294, 0.4627
CMYK	0.06, 0.50, 0.00, 0.46
HSL	293°, 33%, 40%
HSV	293°, 50%, 54%
XYZ	15.6967, 10.7295, 24.9106
YIQ	94.6920, 13.9320, 33.8680

Conversions

Conversions Part 2

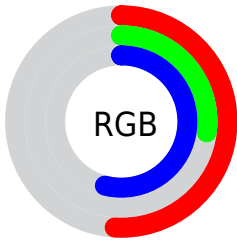
Format	Color
R_{YB}	129, 69, 137
Decimal	8471945
CIE _{Lab}	39.12, 36.73, -27.29
CIE _{LCh}	39, 45.757, 323.393
Yxy	10.7295, 0.3058, 0.2090
Android (android.graphics.Color)	4286662025 (0xFF814589)
YUV	94.6920, 20.8578, 30.0881
Hunter-Lab	32.7559, 28.2148, -22.1604

Details

The Hex color **814589** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D8945**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B777BF**, and **4E1457** is the 20% darker color. If you saturate the color by 10%, you get **7F3789**, and if you desaturate by 10%, it is **835389**.

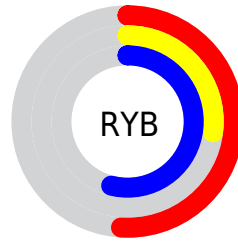
Distribution



Red (51%)

Green (27%)

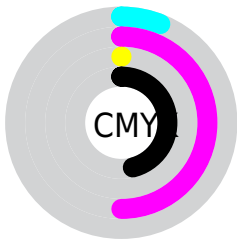
Blue (54%)



Red (51%)

Yellow (27%)

Blue (54%)

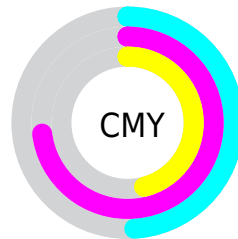


Cyan (6%)

Magenta (50%)

Yellow (0%)

Black (46%)



Cyan (49%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 814589 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 814589 by changing the saturation by 10% instead.

814589

814589

FFFFFF

672D6F

B777BF

4E1457

D492DB

35003F

F0ADF7

220029

FFC9FF

000113

FFE5FF

000000

814589

814589

7F3789

835389

7E2A89

846089

 7C1C89

 866E89

 7B0E89

 877C89

 790089

 898A89

 8B9789

 8CA589

 8EB389

 90C089

Harmonies

Analogous

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



4C56A1



814589



9A3866

Triad

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



814589



765706



006D79

Complementary

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



814589



4D8945

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.



006D52



814589



52630D

Square

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



814589



904820



1F6A2D



006B97

Rectangle

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



814589



9F384D



1F6A2D



006E6C

Sweetspot

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



814589



AF98B3



454E89



574959



D9D9D9



595959

Same Dimension

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



814589



A647B3



894570



443E45



750085



050005

Inverse Universe

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



89454D



B34754



45895E



453E3F



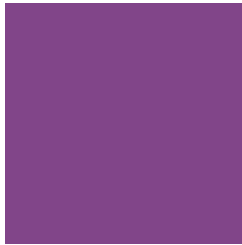
850010



050001

Previews

White Background



This preview shows how the Hex color 814589 looks on a white background.

Color Contrast Check

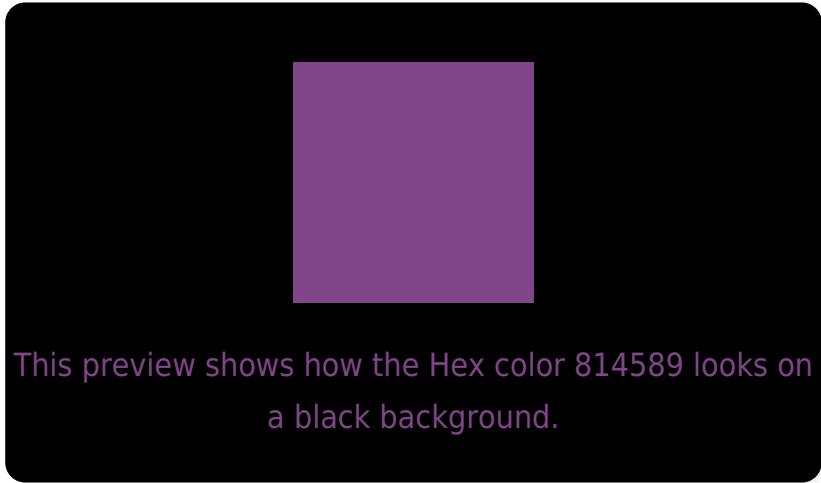
Large Text (above 18pt) WCAG AA ✓ Pass

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

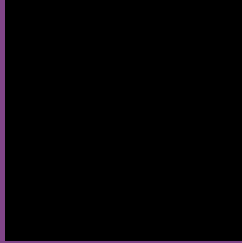
Any Text WCAG AA × Fail

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 814589 Background



This preview shows how black text looks on a background with the Hex color 814589.

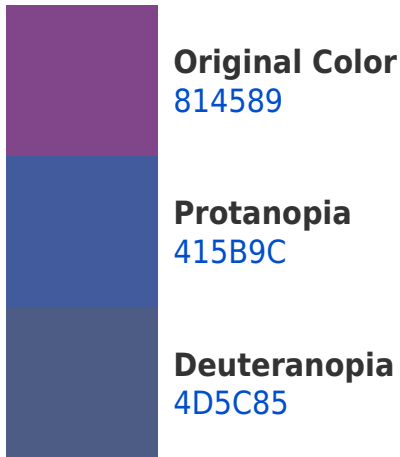


This preview shows how white text looks on a background with the Hex color 814589.

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
7A5157

Trichromacy



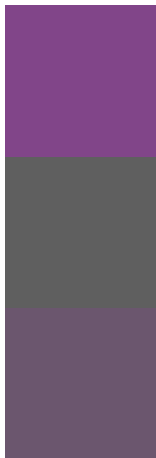
Original Color
814589

Protanomaly
585395

Deuteranomaly
605486

Tritanomaly
7D4D69

Monochromacy



Original Color
814589

Achromatopsia
5F5F5F

Achromatomaly
6B566E

CSS Examples

Text

The CSS property to change the color of the text to Hex 814589 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 #814589 looks like.

```
.text, #text, p{  
    color:#814589  
}
```

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 #814589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814589
}
```

Border

The CSS property to change the border of an element to Hex 814589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

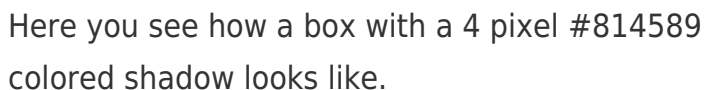
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814589 }
```

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

```
.border{ border-color:#814589 }
```

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



Here you see how a box with a 4 pixel #814589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814589; -webkit-box-shadow:4px 4px  
4px 4px #814589; box-shadow:4px 4px 4px  
4px #814589 }
```

Background

The CSS property to change the background color of an element to Hex 814589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814589 }
```

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

```
.background{ background-color:#814589 }
```

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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