

# Converting Colors

Hex(801572)

Have a look what the booklet for  
Hex(801572) contains.

<b>Hex(801572)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(801572)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	801572
RGB	128, 21, 114
RGB Percent	50%, 8%, 45%
CMY	0.4980, 0.9176, 0.5529
CMYK	0.00, 0.84, 0.11, 0.50
HSL	308°, 72%, 29%
HSV	308°, 84%, 50%
XYZ	12.2075, 6.3404, 16.5000
YIQ	63.5950, 33.9190, 51.6070

# Conversions

## Conversions Part 2

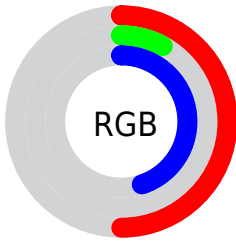
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 21, 114
Decimal	8394098
CIE <sub>Lab</sub>	30.26, 52.89, -26.88
CIE <sub>LCh</sub>	30, 59.330, 333.063
Yxy	6.3404, 0.3483, 0.1809
Android (android.graphics.Color)	4286584178 (0xFF801572)
YUV	63.5950, 24.8497, 56.4832
Hunter-Lab	25.1802, 42.4725, -21.2252

# Details

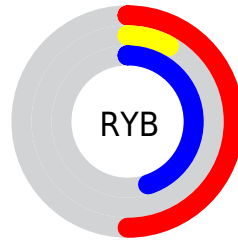
The Hex color **801572** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **158023**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B850A6**, and **4B0041** is the 20% darker color. If you saturate the color by 10%, you get **800870**, and if you desaturate by 10%, it is **802274**.

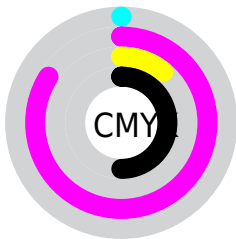
# Distribution



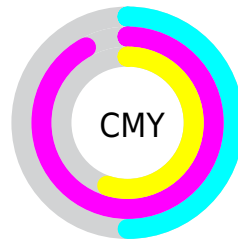
- Red (50%)
- Green (8%)
- Blue (45%)



- Red (50%)
- Yellow (8%)
- Blue (45%)



- Cyan (0%)
- Magenta (84%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (92%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 801572 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 801572 by changing the saturation by 10% instead.



 801572

 801572

FFFFFF

 650059

 B850A6

 4B0041

 D56BC2

 34002B

 F286DE

 100015

 FFA1FA

 000000

 FFBDFE

 FFDAFF

 FFF7FF

 801572

 801572

■ 800870

■ 802274

■ 80006F

■ 802F75

■ 803B77

■ 804879

■ 80557A

■ 80627C

■ 806F7E

■ 807B7F

■ 808881

# Harmonies

## Analogous

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



463896



801572



940045

# Triad

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



801572



544700



005A79

# Complementary

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



801572



158023

# 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.



005A4B



801572



235200

# Square

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



801572



783300



005819



00579A

# Rectangle

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



801572



930027



005819



005A6A



# Sweetspot

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



801572



A67CA0



211580



543B51



D4D4D4



545454



# Same Dimension

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



801572



A60090



80153E



40393F



80006F



000000



# Inverse Universe

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



801572



A60090



158057



40393F



80006F



000000



# Previews

## White Background



This preview shows how the Hex color 801572 looks on a white background.

## Color Contrast Check

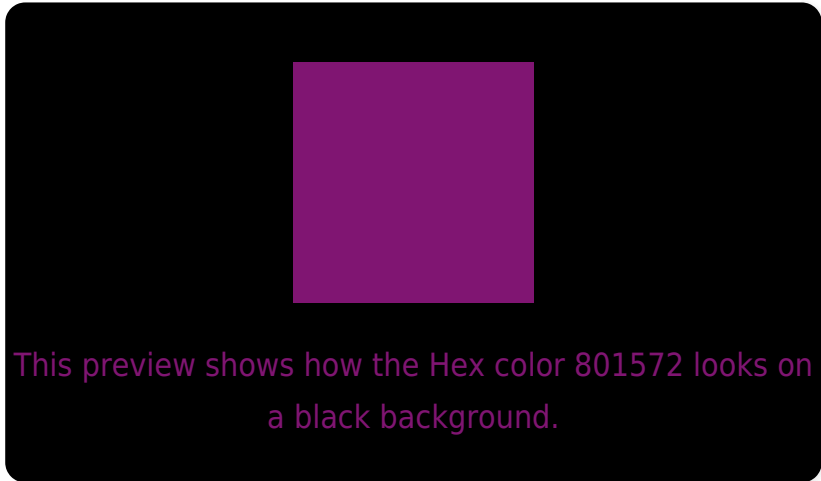
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

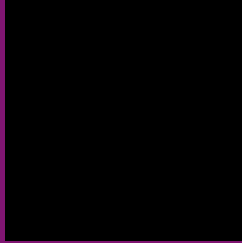
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 801572 Background



This preview shows how black text looks on a background with the Hex color 801572.




This preview shows how white text looks on a background with the Hex color 801572.

# 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**  
7A3033

# Trichromacy



**Original Color**  
801572



**Protanomaly**  
2F3489



**Deuteranomaly**  
53366E



**Tritanomaly**  
7C264A

# Monochromacy



**Original Color**  
801572



**Achromatopsia**  
404040



**Achromatomaly**  
573052

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 801572 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 #801572 looks like.

```
.text, #text, p{  
    color:#801572  
}
```

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 #801572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801572
}
```

## Border

The CSS property to change the border of an element to Hex 801572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

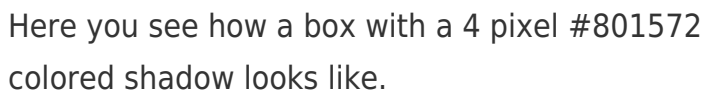
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801572 }
```

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

```
.border{ border-color:#801572 }
```

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



Here you see how a box with a 4 pixel #801572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801572; -webkit-box-shadow:4px 4px  
4px 4px #801572; box-shadow:4px 4px 4px  
4px #801572 }
```

# Background

The CSS property to change the background color of an element to Hex 801572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801572 }
```

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

```
.background{ background-color:#801572 }
```

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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