

Converting Colors

Hex(879100)

Have a look what the booklet for
Hex(879100) contains.

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Color

Hex(879100)

Conversions

Conversions Part 1

Format	Color
Hex	879100
RGB	135, 145, 0
RGB Percent	53%, 57%, 0%
CMY	0.4706, 0.4314, 1.0000
CMYK	0.07, 0.00, 1.00, 0.43
HSL	64°, 100%, 28%
HSV	64°, 100%, 57%
XYZ	20.1171, 25.4017, 3.8427
YIQ	125.4800, 40.5850, -47.2150

Conversions

Conversions Part 2

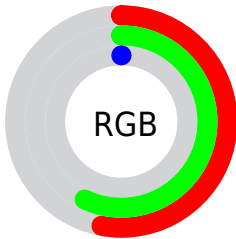
Format	Color
RYB	0, 145, 10
Decimal	8884480
CIELab	57.46, -18.68, 61.06
CIELCh	57, 63.855, 107.014
Yxy	25.4017, 0.4075, 0.5146
Android (android.graphics.Color)	4287074560 (0xFF879100)
YUV	125.4800, -61.8616, 8.3490
Hunter-Lab	50.4001, -16.9523, 30.7595

Details

The Hex color **879100** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A0091**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C0C746**, and **515F00** is the 20% darker color. If you saturate the color by 10%, you get **879100**, and if you desaturate by 10%, it is **88910E**.

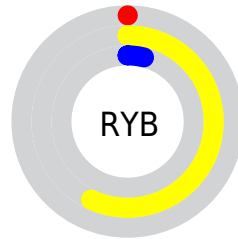
Distribution



Red (53%)

Green (57%)

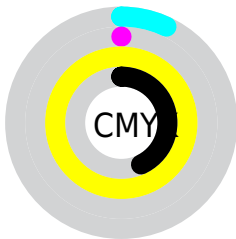
Blue (0%)



Red (0%)

Yellow (57%)

Blue (4%)

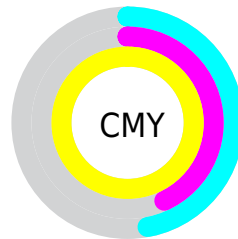


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 879100 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 879100 by changing the saturation by 10% instead.

 879100

 879100

FFFFFF

 6C7700

 C0C746

 515F00

 DDE361

 364700

 FBFF7D

 1C3100

 FFFF98

 001D00


 FFFFB4

 000000

 FFFFD1

 FFFFEE

 879100

 88910E

 89911D

 8A912C

 8B913A

 8C9149

 8D9157

 8E9166

 8F9174

 909183

Harmonies

Analogous

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



B97F07



879100



429D38

Triad

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



879100



00A1DB



E255A5

Complementary

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



879100



0A0091

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.



B46CD7



879100



0097F7

Square

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



879100



00A4A9



5585F5



EE536D

Rectangle

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



879100



00A15C



5585F5



D75CB7

Sweetspot

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



879100



B9BD84



910A00



5C5E3C



DEDEDE



5E5E5E

Same Dimension

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



879100



B0BD00



3F9100



474740



7E8700



070800

Inverse Universe

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



0A0091



0D00BD



520091



414047



090087



010008

Previews

White Background



This preview shows how the Hex color 879100 looks on a white background.

Color Contrast Check

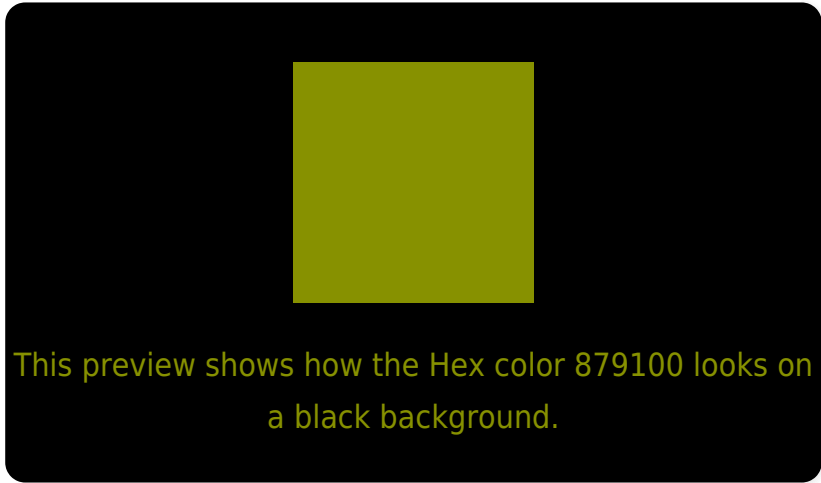
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 879100 Background



This preview shows how black text looks on a background with the Hex color 879100.



This preview shows how white text looks on a background with the Hex color 879100.

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



Original Color
879100

Protanopia
9C8A00

Deuteranopia
AE8318



Tritanopia
918791

Trichromacy



Original Color
879100

Protanomaly
948D00

Deuteranomaly
A0880F

Tritanomaly
8D8B5C

Monochromacy



Original Color
879100

Achromatopsia
7D7D7D

Achromatomaly
818450

CSS Examples

Text

The CSS property to change the color of the text to Hex 879100 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 #879100 looks like.

```
.text, #text, p{  
    color:#879100  
}
```

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 #879100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879100
}
```

Border

The CSS property to change the border of an element to Hex 879100 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
#879100 }
```

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

```
.border{ border-color:#879100 }
```

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

Here you see how a box with a 4 pixel #879100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879100; -webkit-box-shadow:4px 4px  
4px 4px #879100; box-shadow:4px 4px 4px  
4px #879100 }
```

Background

The CSS property to change the background color of an element to Hex 879100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879100 }
```

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

```
.background{ background-color:#879100 }
```

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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