

Converting Colors

Hex(878F80)

Have a look what the booklet for
Hex(878F80) contains.

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Color

Hex(878F80)

Conversions

Conversions Part 1

Format	Color
Hex	878F80
RGB	135, 143, 128
RGB Percent	53%, 56%, 50%
CMY	0.4706, 0.4392, 0.4980
CMYK	0.06, 0.00, 0.10, 0.44
HSL	92°, 6%, 53%
HSV	92°, 10%, 56%
XYZ	23.7104, 26.3543, 24.2593
YIQ	138.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

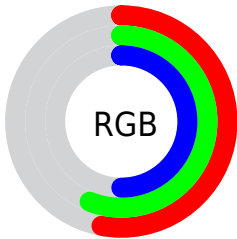
Format	Color
R_{YB}	128, 143, 136
Decimal	8884096
CIE _{Lab}	58.37, -5.82, 6.98
CIE _{LCh}	58, 9.086, 129.795
Yxy	26.3543, 0.3190, 0.3546
Android (android.graphics.Color)	4287074176 (0xFF878F80)
YUV	138.8980, -5.3727, -3.4185
Hunter-Lab	51.3365, -7.3963, 7.9178

Details

The Hex color **878F80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **88808F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BCC5B5**, and **555D4F** is the 20% darker color. If you saturate the color by 10%, you get **7F8F72**, and if you desaturate by 10%, it is **8F8F8E**.

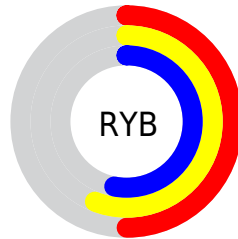
Distribution



Red (53%)

Green (56%)

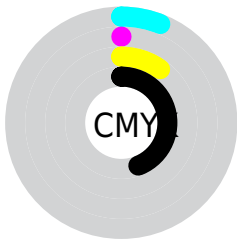
Blue (50%)



Red (50%)

Yellow (56%)

Blue (53%)

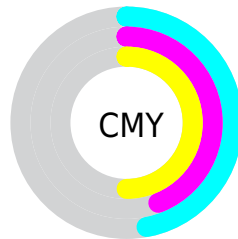


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878F80 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 878F80 by changing the saturation by 10% instead.



878F80



878F80

FFFFFF



6E7567



BCC5B5



555D4F



D8E1D0



3E4538



F4FDED



282F23



141A0D



000000



878F80



878F80



7F8F72



8F8F8E



788F63



968F9D

 708F55

 9E8FAB

 688F47

 A68FB9

 618F39

 AD8FC8

 598F2A

 B58FD6

 528F1C

 BC8FE4

 4A8F0E

 C48FF2

 438F00

 CC8FFF

Harmonies

Analogous

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



908D7D



878F80



7F9187

Triad

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



878F80



7E8F9B



9D878A

Complementary

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



878F80



88808F

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.



998892



878F80



878C9C

Square

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



878F80



799096



918A99



9D8882

Rectangle

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



878F80



7B918C



918A99



9C878D

Sweetspot

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



878F80



B7BAB5



8F8880



5C5E5B



DEDEDE



5E5E5E

Same Dimension

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



878F80



ADBAA2



808F81



444740



3F8700



040800

Inverse Universe

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



88808F



AFA2BA



8F808F



444047



480087



040008

Previews

White Background



This preview shows how the Hex color 878F80 looks on a white background.

Color Contrast Check

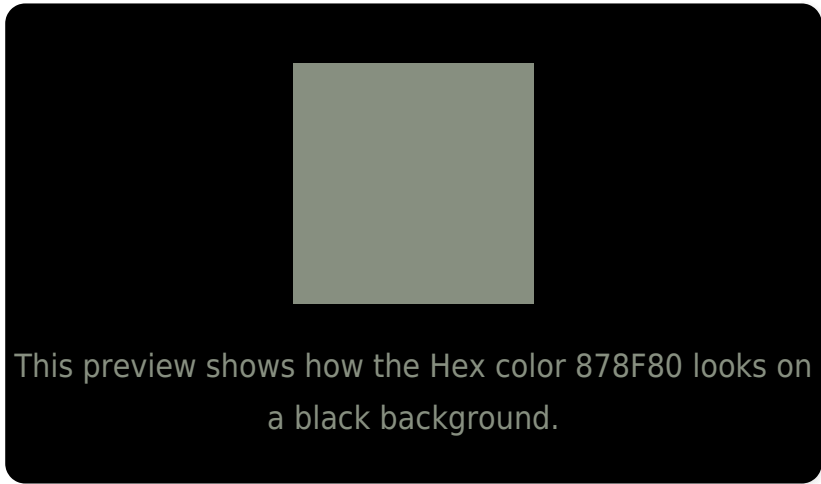
Large Text (above 18pt) WCAG AA ✓ Pass

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 878F80 Background



This preview shows how black text looks on a background with the Hex color 878F80.



This preview shows how white text looks on a background with the Hex color 878F80.

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
878F80

Protanopia
928C7E

Deuteranopia
9E8782



Tritanopia
8A8C97

Trichromacy



Original Color
878F80

Protanomaly
8E8D7F

Deuteranomaly
968A81

Tritanomaly
898D8F

Monochromacy



Original Color
878F80

Achromatopsia
8B8B8B

Achromatomaly
8A8C87

CSS Examples

Text

The CSS property to change the color of the text to Hex 878F80 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 #878F80 looks like.

```
.text, #text, p{  
    color:#878F80  
}
```

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 #878F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878F80  
}
```

Border

The CSS property to change the border of an element to Hex 878F80 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  
#878F80 }
```

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

```
.border{ border-color:#878F80 }
```

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

Here you see how a box with a 4 pixel #878F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878F80; -webkit-box-shadow:4px 4px  
4px 4px #878F80; box-shadow:4px 4px 4px  
4px #878F80 }
```

Background

The CSS property to change the background color of an element to Hex 878F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878F80 }
```

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

```
.background{ background-color:#878F80 }
```

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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