

Converting Colors

Hex(878168)

Have a look what the booklet for
Hex(878168) contains.

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Color

Hex(878168)

Conversions

Conversions Part 1

Format	Color
Hex	878168
RGB	135, 129, 104
RGB Percent	53%, 51%, 41%
CMY	0.4706, 0.4941, 0.5922
CMYK	0.00, 0.04, 0.23, 0.47
HSL	48°, 13%, 47%
HSV	48°, 23%, 53%
XYZ	20.3406, 21.8509, 16.2423
YIQ	127.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

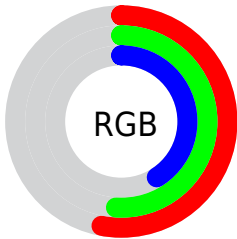
Format	Color
R_{YB}	111, 135, 104
Decimal	8880488
CIE _{Lab}	53.87, -2.08, 14.39
CIE _{LCh}	54, 14.543, 98.235
Yxy	21.8509, 0.3481, 0.3739
Android (android.graphics.Color)	4287070568 (0xFF878168)
YUV	127.9440, -11.8044, 6.1881
Hunter-Lab	46.7449, -4.1310, 12.1202

Details

The Hex color **878168** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **686E87**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BDB69B**, and **555039** is the 20% darker color. If you saturate the color by 10%, you get **877E5B**, and if you desaturate by 10%, it is **878476**.

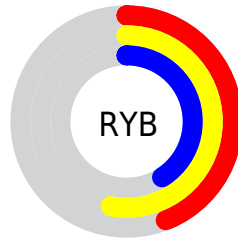
Distribution



Red (53%)

Green (51%)

Blue (41%)



Red (44%)

Yellow (53%)

Blue (41%)

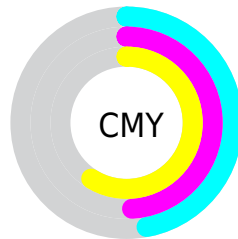


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878168 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 878168 by changing the saturation by 10% instead.



878168



878168

FFFFFF



6D6850



BDB69B



555039



D8D1B6



3D3923



F5EED2



27240E



FFFEE



0F0F00



000000



878168



878168



877E5B



878476



877C4D



878683

■ 87793F

■ 878991

■ 877732

■ 878B9E

■ 877425

■ 878EAC

■ 877117

■ 8791B9

■ 876F0A

■ 8793C7

■ 876D00

■ 8796D4

■ 8799E2

Harmonies

Analogous

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



937D6A



878168



79856D

Triad

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



878168



608790



94798A

Complementary

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



878168



686E87

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.



877C94



878168



688598

Square

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



878168



618884



778199



9B787E

Rectangle

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



878168



6F8773



778199



907A8E

Sweetspot

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



878168



B0AEA4



87686E



595852



D9D9D9



595959

Same Dimension

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



878168



B0A67F



7E8768



42413C



826900



030200

Inverse Universe

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



686E87



7F88B0



716887



3C3D42



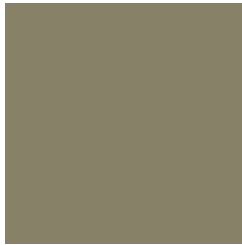
001982



000003

Previews

White Background



This preview shows how the Hex color 878168 looks on a white background.

Color Contrast Check

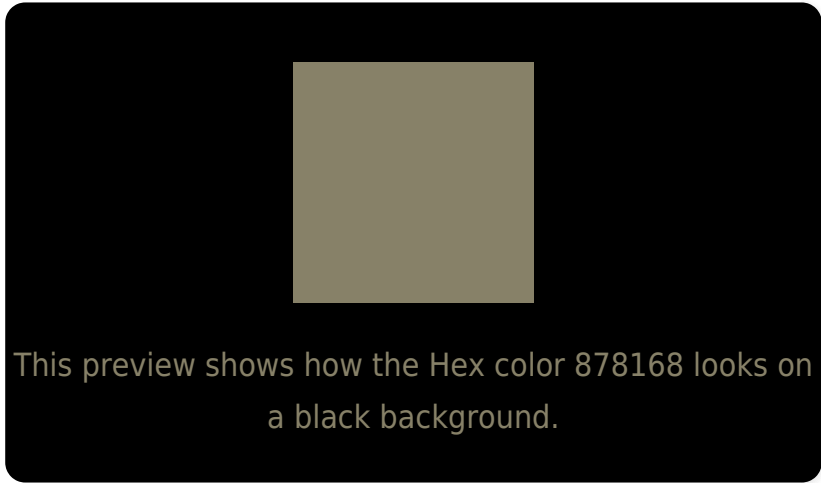
Large Text (above 18pt) WCAG AA ✓ Pass

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

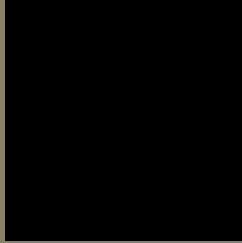
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

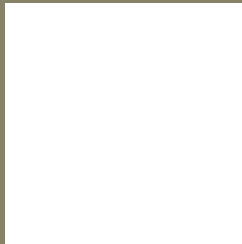
Any Text WCAG AAA × Fail

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

Hex 878168 Background



This preview shows how black text looks on a background with the Hex color 878168.



This preview shows how white text looks on a background with the Hex color 878168.

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
878168

Protanopia
898068

Deuteranopia
957C69



Tritanopia
8B7D87

Trichromacy



Original Color
878168

Protanomaly
888068

Deuteranomaly
907E69

Tritanomaly
8A7E7C

Monochromacy



Original Color
878168

Achromatopsia
808080

Achromatomaly
838077

CSS Examples

Text

The CSS property to change the color of the text to Hex 878168 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 #878168 looks like.

```
.text, #text, p{  
    color:#878168  
}
```

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 #878168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878168
}
```

Border

The CSS property to change the border of an element to Hex 878168 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
#878168 }
```

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

```
.border{ border-color:#878168 }
```

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

Here you see how a box with a 4 pixel #878168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878168; -webkit-box-shadow:4px 4px  
4px 4px #878168; box-shadow:4px 4px 4px  
4px #878168 }
```

Background

The CSS property to change the background color of an element to Hex 878168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878168 }
```

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

```
.background{ background-color:#878168 }
```

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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