

Converting Colors

Hex(878787)

Have a look what the booklet for
Hex(878787) contains.

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Color

Hex(878787)

Conversions

Conversions Part 1

Format	Color
Hex	878787
RGB	135, 135, 135
RGB Percent	53%, 53%, 53%
CMY	0.4706, 0.4706, 0.4706
CMYK	0.00, 0.00, 0.00, 0.47
HSL	0°, 0%, 53%
HSV	0°, 0%, 53%
XYZ	23.0288, 24.2281, 26.3844
YIQ	135.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

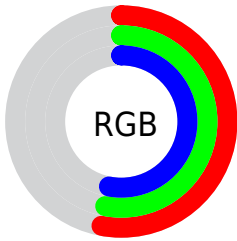
Format	Color
R_{YB}	135, 135, 135
Decimal	8882055
CIE Lab	56.32, 0.00, -0.01
CIE LCh	56, 0.007, 296.813
Yxy	24.2281, 0.3127, 0.3290
Android (android.graphics.Color)	4287072135 (0xFF878787)
YUV	135.0000, 0.0000, 0.0000
Hunter-Lab	49.2221, -2.6264, 2.6743

Details

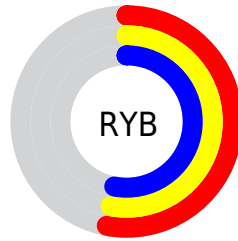
The Hex color **878787** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **878787**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BCBCBC**, and **555555** is the 20% darker color. If you saturate the color by 10%, you get **877A7A**, and if you desaturate by 10%, it is **879595**.

Distribution



- Red (53%)
- Green (53%)
- Blue (53%)



- Red (53%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878787 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 878787 by changing the saturation by 10% instead.



878787



878787

FFFFFF



6E6E6E



BCBCBC



555555



D8D8D8



3E3E3E



F4F4F4



282828



141414



000000



878787



878787



877A7A



879595



876C6C



87A2A2

 875E5E

 87B0B0

 875151

 87BDBD

 874444

 87CBCB

 873636

 87D8D8

 872929

 87E6E6

 871B1B

 87F3F3

 870D0D

 87FFFF

Harmonies

Sweetspot

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



878787



B0B0B0



595959



D9D9D9

Same Dimension

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



878787



B0B0B0



424242



820000



030000

Inverse Universe

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



878787



B0B0B0



424242



008282



000303

Previews

White Background



This preview shows how the Hex color 878787 looks on a white background.

Color Contrast Check

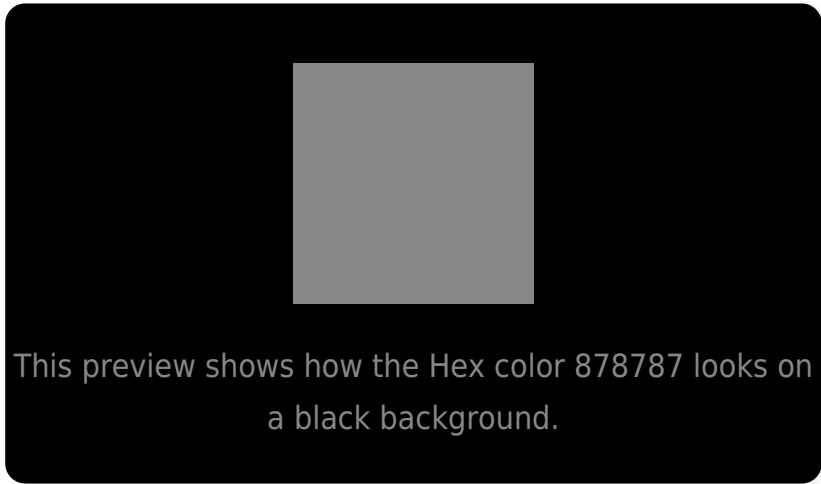
Large Text (above 18pt) WCAG AA ✓ Pass

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

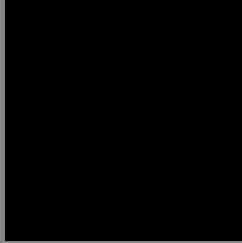
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

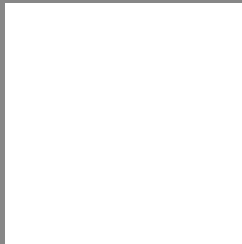
Any Text WCAG AAA × Fail

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

Hex 878787 Background



This preview shows how black text looks on a background with the Hex color 878787.



This preview shows how white text looks on a background with the Hex color 878787.

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
878787

Protanopia
898687

Deuteranopia
938388



Tritanopia
888690

Trichromacy



Original Color

878787

Protanomaly

888687

Deuteranomaly

8F8488

Tritanomaly

88868D

Monochromacy



Original Color

878787

Achromatopsia

878787

Achromatomaly

878787

CSS Examples

Text

The CSS property to change the color of the text to Hex 878787 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 #878787 looks like.

```
.text, #text, p{  
    color:#878787  
}
```

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 #878787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878787
}
```

Border

The CSS property to change the border of an element to Hex 878787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

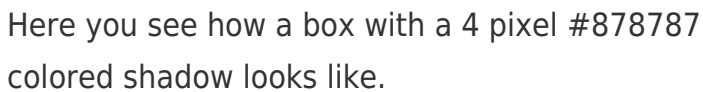
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#878787 }
```

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

```
.border{ border-color:#878787 }
```

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



Here you see how a box with a 4 pixel #878787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878787; -webkit-box-shadow:4px 4px  
4px 4px #878787; box-shadow:4px 4px 4px  
4px #878787 }
```

Background

The CSS property to change the background color of an element to Hex 878787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878787 }
```

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

```
.background{ background-color:#878787 }
```

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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