

Converting Colors

Hex(808086)

Have a look what the booklet for
Hex(808086) contains.

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Color

Hex(808086)

Conversions

Conversions Part 1

Format	Color
Hex	808086
RGB	128, 128, 134
RGB Percent	50%, 50%, 53%
CMY	0.4980, 0.4980, 0.4745
CMYK	0.04, 0.04, 0.00, 0.47
HSL	240°, 2%, 51%
HSV	240°, 4%, 53%
XYZ	20.9243, 21.7488, 25.6494
YIQ	128.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

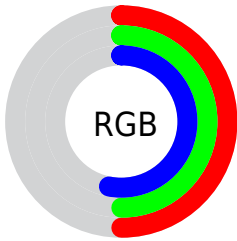
Format	Color
R_{YB}	128, 128, 134
Decimal	8421510
CIE Lab	53.76, 1.22, -3.24
CIE LCh	54, 3.467, 290.617
Yxy	21.7488, 0.3063, 0.3183
Android (android.graphics.Color)	4286611590 (0xFF808086)
YUV	128.6840, 2.6208, -0.5999
Hunter-Lab	46.6356, -1.5233, 0.0357

Details

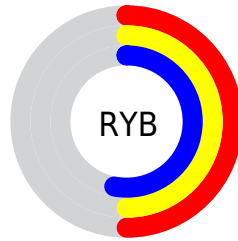
The Hex color **808086** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868680**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B5B5BB**, and **4F4F54** is the 20% darker color. If you saturate the color by 10%, you get **737386**, and if you desaturate by 10%, it is **8D8D86**.

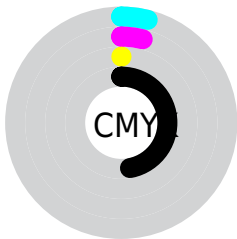
Distribution



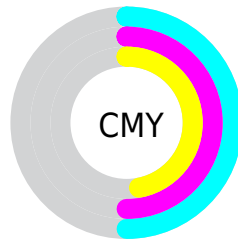
- Red (50%)
- Green (50%)
- Blue (53%)



- Red (50%)
- Yellow (50%)
- Blue (53%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808086 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 808086 by changing the saturation by 10% instead.



808086



808086

FFFFFF



67676D



B5B5BB



4F4F54



D0D0D7



38383D



EDED F3



232328



0D0D13



000000



808086



808086



737386



8D8D86



656586



9B9B86

■ 585886

■ A8A886

■ 4A4A86

■ B6B686

■ 3D3D86

■ C3C386

■ 303086

■ D0D086

■ 222286

■ DEDE86

■ 151586

■ EBEB86

■ 070786

■ F9F986

Harmonies

Analogous

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



7D8186



808086



847F84

Triad

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



808086



867F7C



7B827F

Complementary

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



808086



868680

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.



7D827D



808086



84807B

Square

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



808086



877F7E



81817B



798282

Rectangle

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



808086



857F82



81817B



7B827E

Sweetspot

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



808086



ACACAD



808686



565657



D6D6D6



575757

Same Dimension

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



808086



A5A5AD



838086



3E3E42



000082



000003

Inverse Universe

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



868086



ADA5AD



838680



423E42



820082



030003

Previews

White Background



This preview shows how the Hex color 808086 looks on a white background.

Color Contrast Check

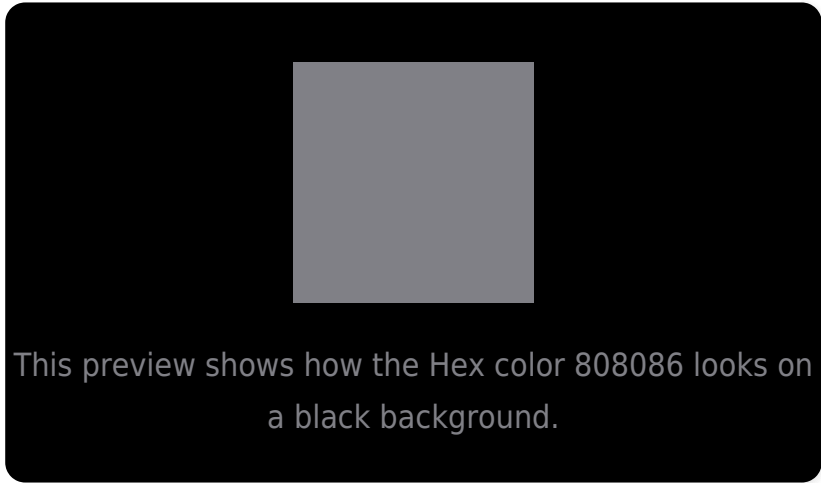
Large Text (above 18pt) WCAG AA ✓ Pass

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

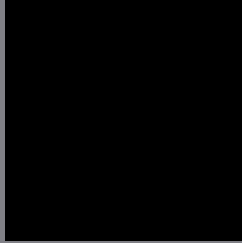
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

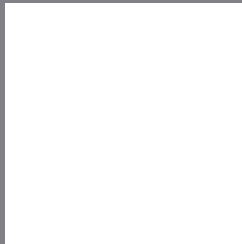
Any Text WCAG AAA × Fail

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

Hex 808086 Background



This preview shows how black text looks on a background with the Hex color 808086.



This preview shows how white text looks on a background with the Hex color 808086.

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
808086

Protanopia
818086

Deuteranopia
8A7D87



Tritanopia
817F8A

Trichromacy



Original Color
808086

Protanomaly
818086

Deuteranomaly
867E87

Tritanomaly
817F89

Monochromacy



Original Color
808086

Achromatopsia
818181

Achromatomaly
818183

CSS Examples

Text

The CSS property to change the color of the text to Hex 808086 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 #808086 looks like.

```
.text, #text, p{  
    color:#808086  
}
```

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 #808086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808086
}
```

Border

The CSS property to change the border of an element to Hex 808086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

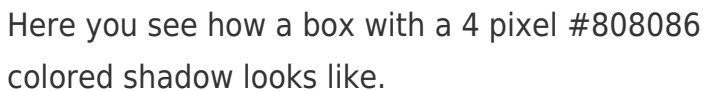
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#808086 }
```

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

```
.border{ border-color:#808086 }
```

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



Here you see how a box with a 4 pixel #808086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808086; -webkit-box-shadow:4px 4px  
4px 4px #808086; box-shadow:4px 4px 4px  
4px #808086 }
```

Background

The CSS property to change the background color of an element to Hex 808086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808086 }
```

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

```
.background{ background-color:#808086 }
```

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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