

Converting Colors

Hex(808686)

Have a look what the booklet for
Hex(808686) contains.

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Color

Hex(808686)

Conversions

Conversions Part 1

Format	Color
Hex	808686
RGB	128, 134, 134
RGB Percent	50%, 53%, 53%
CMY	0.4980, 0.4745, 0.4745
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 51%
HSV	180°, 4%, 53%
XYZ	21.7303, 23.3606, 25.9180
YIQ	132.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

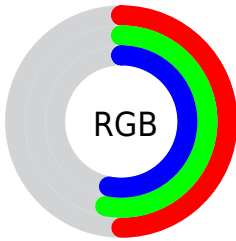
Format	Color
R_{YB}	128, 131, 134
Decimal	8423046
CIE _{Lab}	55.44, -2.20, -0.77
CIE _{LCh}	55, 2.336, 199.342
Yxy	23.3606, 0.3060, 0.3290
Android (android.graphics.Color)	4286613126 (0xFF808686)
YUV	132.2060, 0.8844, -3.6887
Hunter-Lab	48.3328, -4.3295, 2.0393

Details

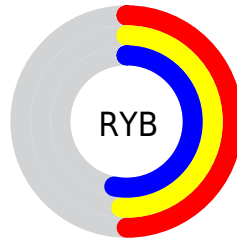
The Hex color **808686** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868080**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B5BBBB**, and **4F5454** is the 20% darker color. If you saturate the color by 10%, you get **738686**, and if you desaturate by 10%, it is **8D8686**.

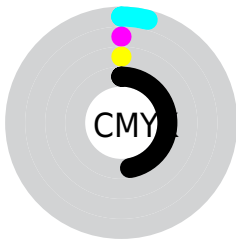
Distribution



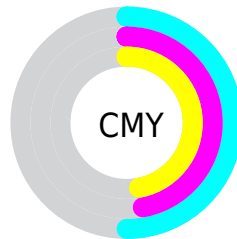
- Red (50%)
- Green (53%)
- Blue (53%)



- Red (50%)
- Yellow (51%)
- Blue (53%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 808686 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 808686 by changing the saturation by 10% instead.



808686



808686

FFFFFF



676D6D



B5BBBB



4F5454



D0D7D7



383D3D



EDF3F3



232828



0D1313



000000



808686



808686



738686



8D8686



658686



9B8686

588686

A88686

4A8686

B68686

3D8686

C38686

308686

D08686

228686

DE8686

158686

EB8686

078686

F98686

Harmonies

Analogous

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



818684



808686



808688

Triad

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



808686



878487



878481

Complementary

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



808686



868080

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.



898482



808686



898486

Square

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



808686



848489



898383



858581

Rectangle

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



808686



818588



898383



888481

Sweetspot

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



808686



ACADAD



808680



565757



D6D6D6



575757

Same Dimension

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



808686



A5ADAD



808386



3E4242



008282



000303

Inverse Universe

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



868086



ADA5AD



868380



423E42



820082



030003

Previews

White Background



This preview shows how the Hex color 808686 looks on a white background.

Color Contrast Check

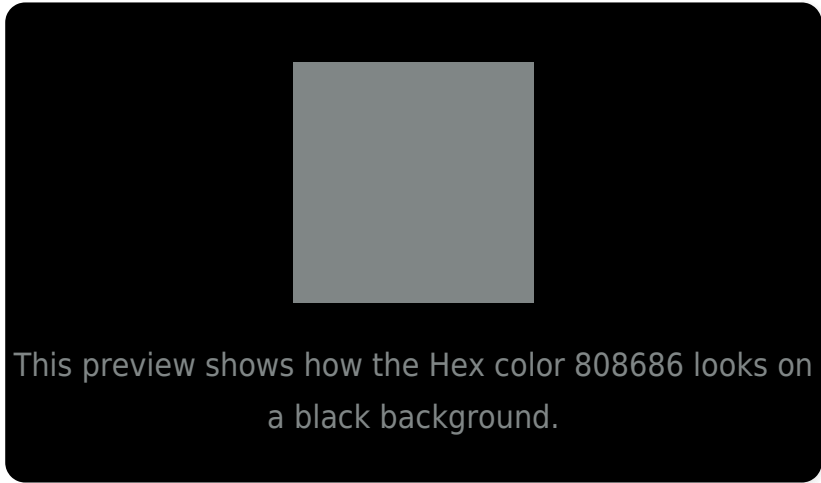
Large Text (above 18pt) WCAG AA ✓ Pass

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

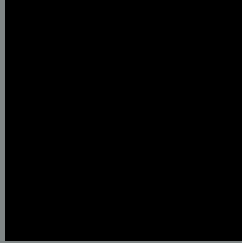
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

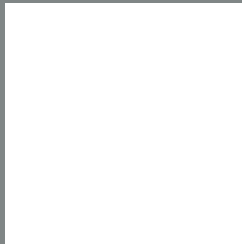
Any Text WCAG AAA × Fail

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

Hex 808686 Background



This preview shows how black text looks on a background with the Hex color 808686.



This preview shows how white text looks on a background with the Hex color 808686.

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](#).

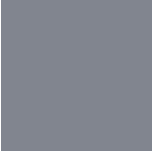
Dichromacy



Original Color
808686

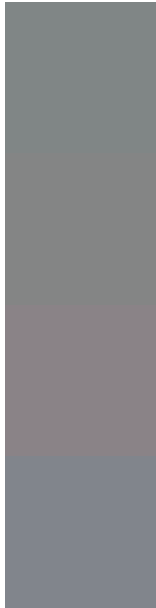
Protanopia
878485

Deuteranopia
908187



Tritanopia
81858F

Trichromacy



Original Color
806866

Protanomaly
848585

Deuteranomaly
8A8387

Tritanomaly
81858C

Monochromacy



Original Color
806866

Achromatopsia
848484

Achromatomaly
838585

CSS Examples

Text

The CSS property to change the color of the text to Hex 808686 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 #808686 looks like.

```
.text, #text, p{  
    color:#808686  
}
```

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 #808686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808686
}
```

Border

The CSS property to change the border of an element to Hex 808686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

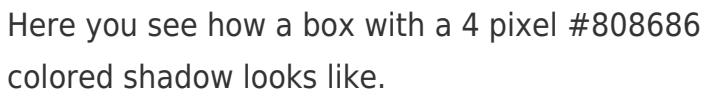
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#808686 }
```

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

```
.border{ border-color:#808686 }
```

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



Here you see how a box with a 4 pixel #808686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808686; -webkit-box-shadow:4px 4px  
4px 4px #808686; box-shadow:4px 4px 4px  
4px #808686 }
```

Background

The CSS property to change the background color of an element to Hex 808686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808686 }
```

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

```
.background{ background-color:#808686 }
```

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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