

Converting Colors

Hex(809090)

Have a look what the booklet for
Hex(809090) contains.

Hex(809090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(809090)

Conversions

Conversions Part 1

Format	Color
Hex	809090
RGB	128, 144, 144
RGB Percent	50%, 56%, 56%
CMY	0.4980, 0.4353, 0.4353
CMYK	0.11, 0.00, 0.00, 0.44
HSL	180°, 7%, 53%
HSV	180°, 11%, 56%
XYZ	23.9094, 26.5493, 30.2499
YIQ	139.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

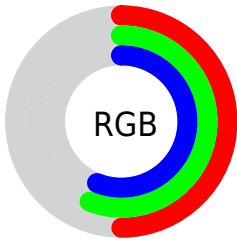
Format	Color
R_{YB}	128, 136, 144
Decimal	8425616
CIE _{Lab}	58.55, -5.73, -1.96
CIE _{LCh}	59, 6.052, 198.892
Yxy	26.5493, 0.2962, 0.3290
Android (android.graphics.Color)	4286615696 (0xFF809090)
YUV	139.2160, 2.3585, -9.8364
Hunter-Lab	51.5260, -7.3421, 1.2602

Details

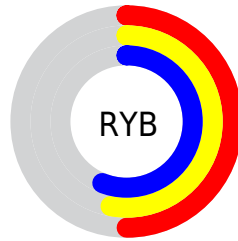
The Hex color `809090` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `908080`, and the grayscale version is `8B8B8B`.

A 20% lighter version of the original color is `B5C6C6`, and `4F5E5E` is the 20% darker color. If you saturate the color by 10%, you get `729090`, and if you desaturate by 10%, it is `8E9090`.

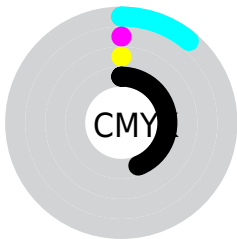
Distribution



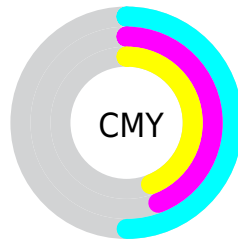
- Red (50%)
- Green (56%)
- Blue (56%)



- Red (50%)
- Yellow (53%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809090 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 809090 by changing the saturation by 10% instead.

 809090

 809090

FFFFFF

 677676

 B5C6C6

 4F5E5E

 D1E2E2

 384646

 EDFEFE

 223030

 0D1B1B

 000000

 809090

 809090

 729090

 8E9090

 639090

 9D9090

559090

AB9090

469090

BA9090

389090

C89090

2A9090

D69090

1B9090

E59090

0D9090

F39090

009090

FF9090

Harmonies

Analogous

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



82908B



809090



818F95

Triad

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



809090



928A94



938C83

Complementary

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



809090



908080

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.



978A85



809090



97898F

Square

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



809090



8C8C97



99898A



8E8E83

Rectangle

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



809090



848E96



99898A



958B83

Sweetspot

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



809090



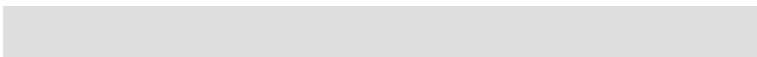
B5BABA



809080



5B5E5E



DEDEDE



5E5E5E

Same Dimension

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



809090



A2BABA



808890



404747



008787



000808

Inverse Universe

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



908090



BAA2BA



908880



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 809090 looks on a white background.

Color Contrast Check

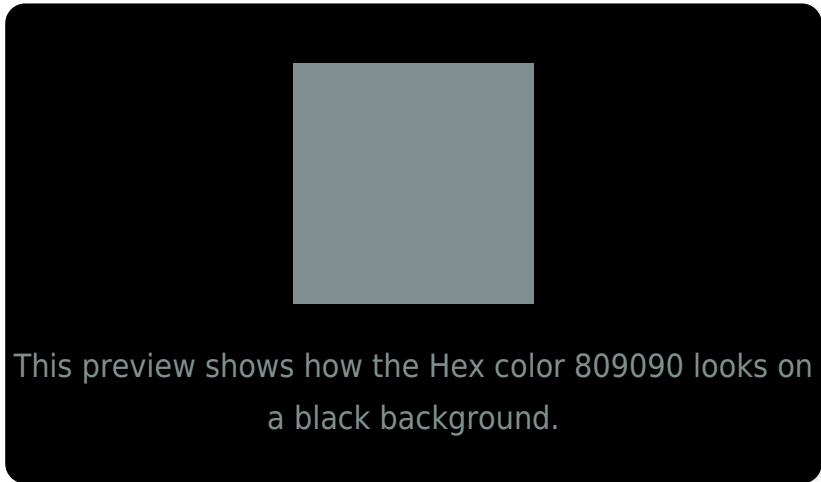
Large Text (above 18pt) WCAG AA ✓ Pass

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

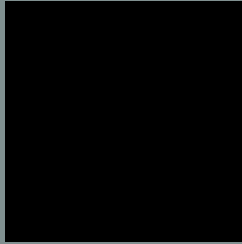
Any Text WCAG AA ✓ Pass

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 809090 Background



This preview shows how black text looks on a background with the Hex color 809090.

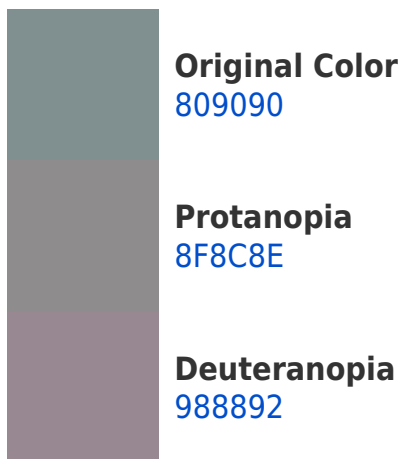


This preview shows how white text looks on a background with the Hex color 809090.

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





Tritanopia
828E9A

Trichromacy



Original Color
809090

Protanomaly
8A8D8F

Deuteranomaly
8F8B91

Tritanomaly
818F96

Monochromacy



Original Color
809090

Achromatopsia
8B8B8B

Achromatomaly
878D8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 809090 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 #809090 looks like.

```
.text, #text, p{  
    color:#809090  
}
```

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 #809090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809090
}
```

Border

The CSS property to change the border of an element to Hex 809090 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
#809090 }
```

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

```
.border{ border-color:#809090 }
```

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

Here you see how a box with a 4 pixel #809090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809090; -webkit-box-shadow:4px 4px  
4px 4px #809090; box-shadow:4px 4px 4px  
4px #809090 }
```

Background

The CSS property to change the background color of an element to Hex 809090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809090 }
```

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

```
.background{ background-color:#809090 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor