

# Converting Colors

Hex(37908D)

Have a look what the booklet for  
Hex(37908D) contains.

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# Color

**Hex(37908D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37908D
RGB	55, 144, 141
RGB Percent	22%, 56%, 55%
CMY	0.7843, 0.4353, 0.4471
CMYK	0.62, 0.00, 0.02, 0.44
HSL	178°, 45%, 39%
HSV	178°, 62%, 56%
XYZ	16.3565, 22.6818, 28.7153
YIQ	117.0470, -52.0810, -19.8010

# Conversions

## Conversions Part 2

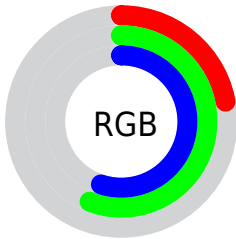
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 100, 144
Decimal	3641485
CIELab	54.74, -26.81, -6.29
CIELCh	55, 27.541, 193.194
Yxy	22.6818, 0.2414, 0.3348
Android (android.graphics.Color)	4281831565 (0xFF37908D)
YUV	117.0470, 11.8088, -54.4152
Hunter-Lab	47.6254, -22.0403, -2.4105




# Details

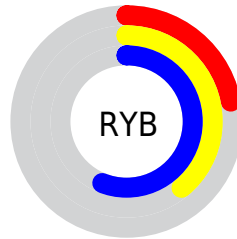
The Hex color **37908D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90373A**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **70C6C3**, and **005D5B** is the 20% darker color. If you saturate the color by 10%, you get **29908D**, and if you desaturate by 10%, it is **45908D**.

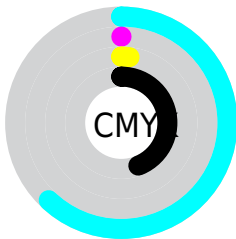
# Distribution







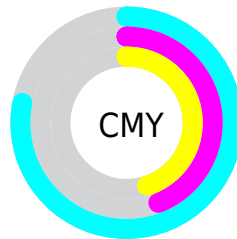
-  Red (22%)
-  Green (56%)
-  Blue (55%)






-  Red (22%)
-  Yellow (39%)
-  Blue (56%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (44%)



-  Cyan (78%)
-  Magenta (44%)
-  Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37908D 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 37908D by changing the saturation by 10% instead.



■ 37908D

■ 37908D

FFFFFF

■ 127673

■ 70C6C3

■ 005D5B

■ 8CE2DE

■ 004544

■ A9FFFB

■ 002E2D

■ C5FFFF

■ 001A19

■ E3FFFF

■ 000000

■ 37908D

■ 37908D

■ 29908D

■ 45908D

■ 1A908C

■ 54908E

0C908C

62908E

00908B

71908F

7F908F

8D9090

9C9090

AA9091

B99091

# Harmonies

## Analogous

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



528F74



37908D



328EA3

# Triad

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



37908D



9379A6



9F7D56

# Complementary

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



37908D



90373A

# 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.



AE7563



37908D



A97391

# Square

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



37908D



7382B1



B27179



898554

# Rectangle

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



37908D



428BAD



B27179



A57A59



# Sweetspot

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



37908D



97BAB9



3B9037



495E5E



DEDEDE



5E5E5E



# Same Dimension

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



37908D



30BAB6



376890



404747



008783



000807



# Inverse Universe

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



90373A



BA3035



905F37



474041



870005

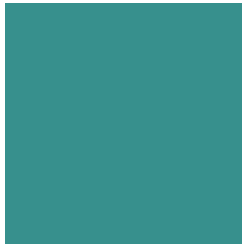


080000



# Previews

## White Background



This preview shows how the Hex color 37908D looks on a white background.

## Color Contrast Check

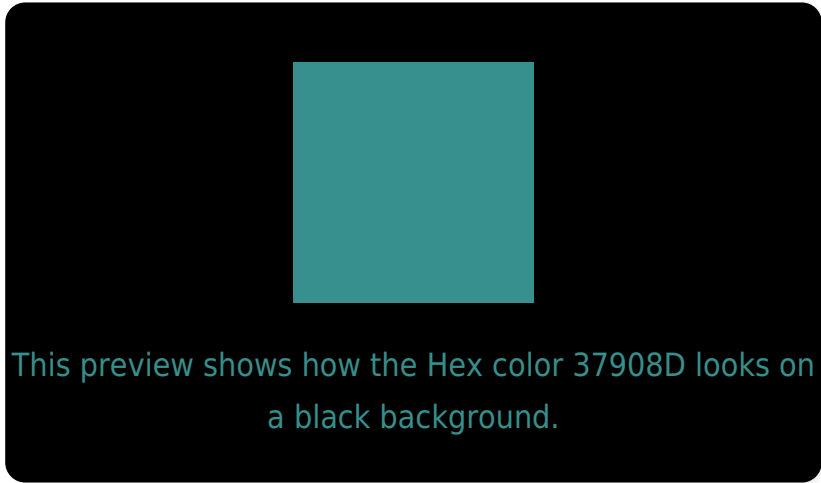
Large Text (above 18pt) WCAG AA ✓ Pass

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

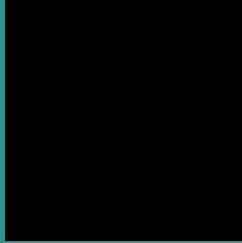
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 37908D Background



This preview shows how black text looks on a background with the Hex color 37908D.

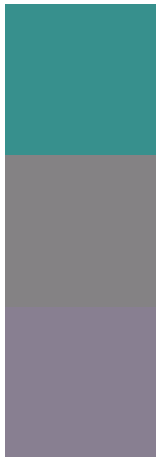


This preview shows how white text looks on a background with the Hex color 37908D.

# 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**  
37908D

**Protanopia**  
848284

**Deuteranopia**  
887F91



**Tritanopia**  
3D8E9A

# Trichromacy



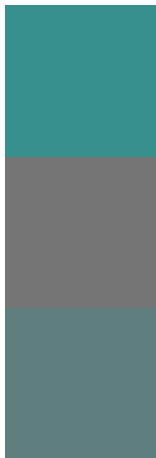
**Original Color**  
37908D

**Protanomaly**  
688787

**Deuteranomaly**  
6B8590

**Tritanomaly**  
3B8F95

# Monochromacy



**Original Color**  
37908D

**Achromatopsia**  
757575

**Achromatomaly**  
5E7F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37908D 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 #37908D looks like.

```
.text, #text, p{  
    color:#37908D  
}
```

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 #37908D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37908D
}
```

## Border

The CSS property to change the border of an element to Hex 37908D 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
#37908D }
```

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

```
.border{ border-color:#37908D }
```

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

Here you see how a box with a 4 pixel #37908D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37908D; -webkit-box-shadow:4px 4px  
4px 4px #37908D; box-shadow:4px 4px 4px  
4px #37908D }
```

# Background

The CSS property to change the background color of an element to Hex 37908D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37908D }
```

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

```
.background{ background-color:#37908D }
```

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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