

# Converting Colors

Hex(738989)

Have a look what the booklet for  
Hex(738989) contains.

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# Color

**Hex(738989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	738989
RGB	115, 137, 137
RGB Percent	45%, 54%, 54%
CMY	0.5490, 0.4627, 0.4627
CMYK	0.16, 0.00, 0.00, 0.46
HSL	180°, 9%, 49%
HSV	180°, 16%, 54%
XYZ	20.5312, 23.3423, 27.0903
YIQ	130.4220, -13.1120, -4.6640

# Conversions

## Conversions Part 2

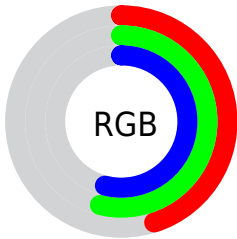
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 126, 137
Decimal	7571849
CIELab	55.42, -7.85, -2.65
CIELCh	55, 8.287, 198.628
Yxy	23.3423, 0.2893, 0.3289
Android (android.graphics.Color)	4285761929 (0xFF738989)
YUV	130.4220, 3.2430, -13.5251
Hunter-Lab	48.3139, -8.6947, 0.5749

# Details

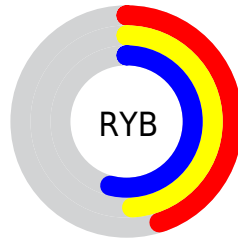
The Hex color **738989** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **897373**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A7BEBE**, and **425757** is the 20% darker color. If you saturate the color by 10%, you get **658989**, and if you desaturate by 10%, it is **818989**.

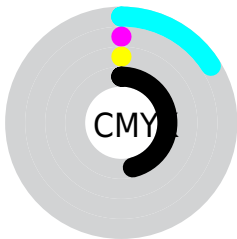
# Distribution



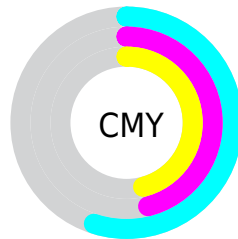
- Red (45%)
- Green (54%)
- Blue (54%)



- Red (45%)
- Yellow (49%)
- Blue (54%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 738989 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 738989 by changing the saturation by 10% instead.



■ 738989

■ 738989

FFFFFF

■ 5A7070

■ A7BEBE

■ 425757

■ C3DADA

■ 2C4040

■ DFF7F7

■ 162A2A

■ FBFFFF

■ 001616

■ 000000

■ 738989

■ 738989

■ 658989

■ 818989

■ 588989

■ 8E8989

■ 4A8989

■ 9C8989

■ 3C8989

■ AA8989

■ 2F8989

■ B88989

■ 218989

■ C58989

■ 138989

■ D38989

■ 058989

■ E18989

■ 008989

■ EE8989

# Harmonies

## Analogous

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



778982



738989



74888F

# Triad

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



738989



8B828E



8D8377

# Complementary

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



738989



897373

# 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.



93817A



738989



928088

# Square

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



738989



838492



948080



868677

# Rectangle

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



738989



788792



948080



908378



# Sweetspot

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



738989



AAB3B3



738973



545959



D9D9D9



595959



# Same Dimension

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



738989



91B3B3



737E89



3E4545



008585



000505



# Inverse Universe

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



897389



B391B3



897E73



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 738989 looks on a white background.

## Color Contrast Check

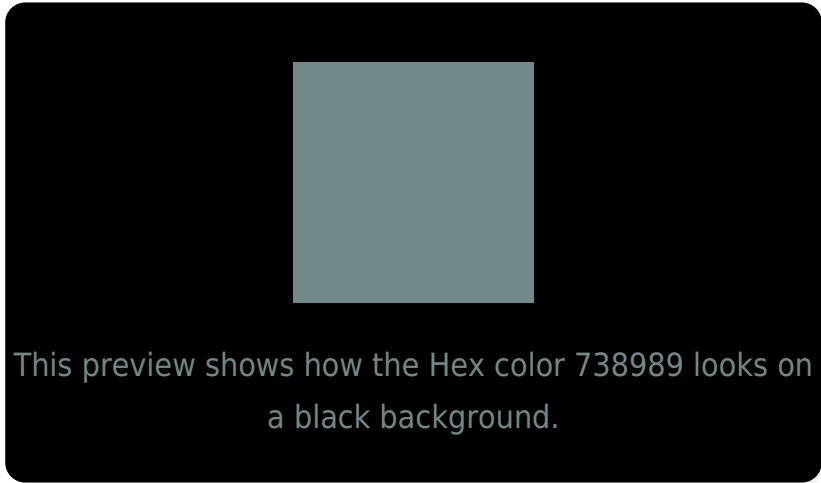
Large Text (above 18pt) WCAG AA ✓ Pass

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

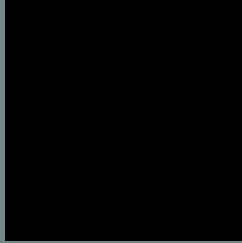
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

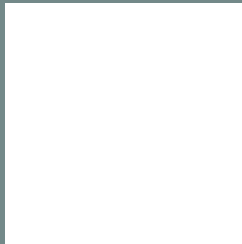
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 738989 Background



This preview shows how black text looks on a background with the Hex color 738989.

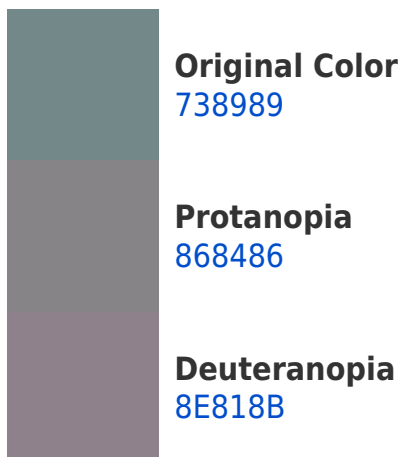


This preview shows how white text looks on a background with the Hex color 738989.

# 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**  
758892

# Trichromacy



**Original Color**  
738989

**Protanomaly**  
7F8687

**Deuteranomaly**  
84848A

**Tritanomaly**  
74888F

# Monochromacy



**Original Color**  
738989

**Achromatopsia**  
828282

**Achromatomaly**  
7D8585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 738989 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 #738989 looks like.

```
.text, #text, p{  
    color:#738989  
}
```

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 #738989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738989
}
```

## Border

The CSS property to change the border of an element to Hex 738989 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
#738989 }
```

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

```
.border{ border-color:#738989 }
```

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

Here you see how a box with a 4 pixel #738989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738989; -webkit-box-shadow:4px 4px  
4px 4px #738989; box-shadow:4px 4px 4px  
4px #738989 }
```

# Background

The CSS property to change the background color of an element to Hex 738989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738989 }
```

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

```
.background{ background-color:#738989 }
```

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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