

# Converting Colors

Hex(738276)

Have a look what the booklet for  
Hex(738276) contains.

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# Color

Hex(738276)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	738276
RGB	115, 130, 118
RGB Percent	45%, 51%, 46%
CMY	0.5490, 0.4902, 0.5373
CMYK	0.12, 0.00, 0.09, 0.49
HSL	132°, 6%, 48%
HSV	132°, 12%, 51%
XYZ	18.3229, 20.9181, 20.2114
YIQ	124.1470, -5.0880, -6.9120

# Conversions

## Conversions Part 2

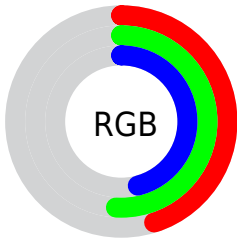
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 128, 130
Decimal	7570038
CIE <sub>Lab</sub>	52.86, -7.97, 4.64
CIE <sub>LCh</sub>	53, 9.220, 149.821
Yxy	20.9181, 0.3082, 0.3518
Android (android.graphics.Color)	4285760118 (0xFF738276)
YUV	124.1470, -3.0305, -8.0219
Hunter-Lab	45.7363, -8.5279, 5.8145

# Details

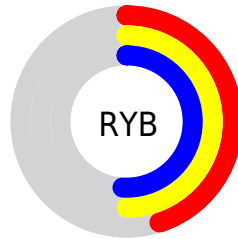
The Hex color **738276** is a dark color, and the websafe version is hex **666666**, and the color name is **smoke**. A complement of this color would be **82737F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A7B7AA**, and **435146** is the 20% darker color. If you saturate the color by 10%, you get **66826C**, and if you desaturate by 10%, it is **808280**.

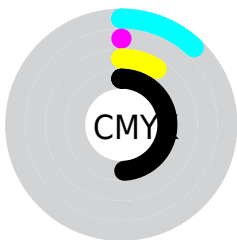
# Distribution



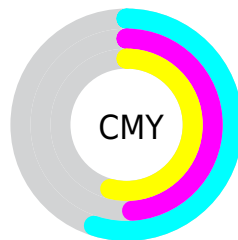
- Red (45%)
- Green (51%)
- Blue (46%)



- Red (45%)
- Yellow (50%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (55%)
- Magenta (49%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 738276 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 738276 by changing the saturation by 10% instead.



 738276

 738276

FFFFFF

 5A695D

 A7B7AA

 435146

 C2D3C5

 2D3A2F

 DEEFE1

 18241B

 FBFFFE

 000F00

 000000

 738276

 738276

 66826C

 808280

 598261

 8D828B

■ 4C8257

■ 9A8295

■ 3F824C

■ A782A0

■ 328242

■ B482AA

■ 258238

■ C182B4

■ 18822D

■ CE82BF

■ 0B8223

■ DB82C9

■ 00821A

■ E882D4

# Harmonies

## Analogous

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



7C8070



738276



6C837E

# Triad

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



738276



767F8E



8F7977

# Complementary

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



738276



82737F

# 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.



8E797E



738276



807C8C

# Square

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



738276



6E818C



897A86



8C7B71

# Rectangle

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



738276



6A8383



897A86



8F7979



# Sweetspot

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



738276



A3A8A4



7F8273



515451



D4D4D4



545454



# Same Dimension

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



738276



91A895



73827E



39403B



008019



000000



# Inverse Universe

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



82737F



A891A4



827378



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 738276 looks on a white background.

## Color Contrast Check

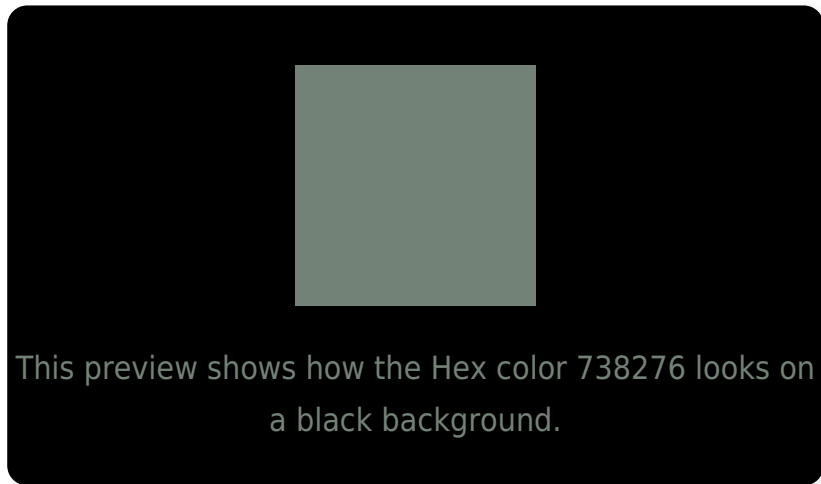
Large Text (above 18pt) WCAG AA ✓ Pass

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

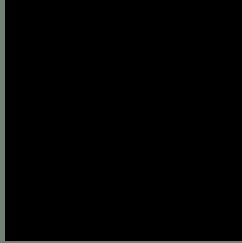
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

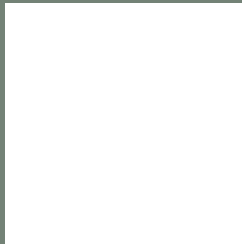
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 738276 Background



This preview shows how black text looks on a background with the Hex color 738276.



This preview shows how white text looks on a background with the Hex color 738276.

# 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**  
738276

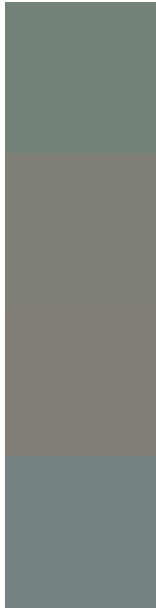
**Protanopia**  
837E74

**Deuteranopia**  
8C7A78



**Tritanopia**  
767F89

# Trichromacy



**Original Color**  
738276

**Protanomaly**  
7D7F75

**Deuteranomaly**  
837D77

**Tritanomaly**  
758082

# Monochromacy



**Original Color**  
738276

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
797E7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 738276 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 #738276 looks like.

```
.text, #text, p{  
    color:#738276  
}
```

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 #738276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738276
}
```

## Border

The CSS property to change the border of an element to Hex 738276 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
#738276 }
```

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

```
.border{ border-color:#738276 }
```

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

Here you see how a box with a 4 pixel #738276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738276; -webkit-box-shadow:4px 4px  
4px 4px #738276; box-shadow:4px 4px 4px  
4px #738276 }
```

# Background

The CSS property to change the background color of an element to Hex 738276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738276 }
```

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

```
.background{ background-color:#738276 }
```

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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