

# Converting Colors

Hex(738578)

Have a look what the booklet for  
Hex(738578) contains.

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# Color

**Hex(738578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	738578
RGB	115, 133, 120
RGB Percent	45%, 52%, 47%
CMY	0.5490, 0.4784, 0.5294
CMYK	0.14, 0.00, 0.10, 0.48
HSL	137°, 7%, 49%
HSV	137°, 14%, 52%
XYZ	18.8479, 21.7760, 20.9791
YIQ	126.1360, -6.5550, -7.8590

# Conversions

## Conversions Part 2

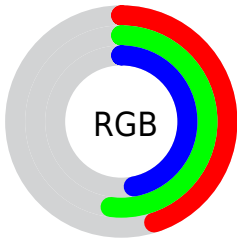
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 129, 133
Decimal	7570808
CIE <sub>Lab</sub>	53.79, -9.24, 4.81
CIE <sub>LCh</sub>	54, 10.418, 152.503
Yxy	21.7760, 0.3060, 0.3535
Android (android.graphics.Color)	4285760888 (0xFF738578)
YUV	126.1360, -3.0250, -9.7663
Hunter-Lab	46.6647, -9.5669, 6.0103

# Details

The Hex color **738578** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **857380**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A7BAAC**, and **435348** is the 20% darker color. If you saturate the color by 10%, you get **66856E**, and if you desaturate by 10%, it is **808582**.

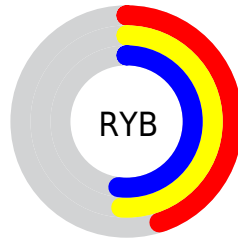
# Distribution



Red (45%)

Green (52%)

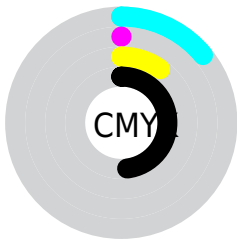
Blue (47%)



Red (45%)

Yellow (51%)

Blue (52%)

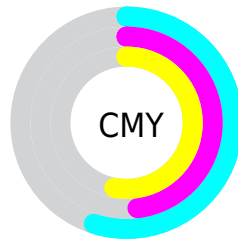


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 738578 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 738578 by changing the saturation by 10% instead.



 738578

 738578

FFFFFF

 5A6C5F

 A7BAAC

 435348

 C2D6C8

 2C3C31

 DEF2E4

 17271C

 FBFFFF

 001202

 000000

 738578

 738578

 66856E

 808582

 588565

 8E858B

 4B855B

 9B8595

 3E8552

 A8859E

 308548

 B685A8

 23853E

 C385B2

 168535

 D085BB

 09852B

 DD85C5

 008525

 EB85CE

# Harmonies

## Analogous

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



7D8371



738578



6C8681

# Triad

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



738578



788192



947B77

# Complementary

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



738578



857380

# 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.



937A80



738578



837E90

# Square

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



738578



6E8490



8D7C89



8F7D71

# Rectangle

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



738578



6A8687



8D7C89



947B7A



# Sweetspot

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



738578



A6ADA8



808573



525754



D6D6D6



575757



# Same Dimension

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



738578



92AD99



738581



3C423E



008224



000301



# Inverse Universe

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



857380



AD92A6



857377



423C40



82005E



030002



# Previews

## White Background



This preview shows how the Hex color 738578 looks on a white background.

## Color Contrast Check

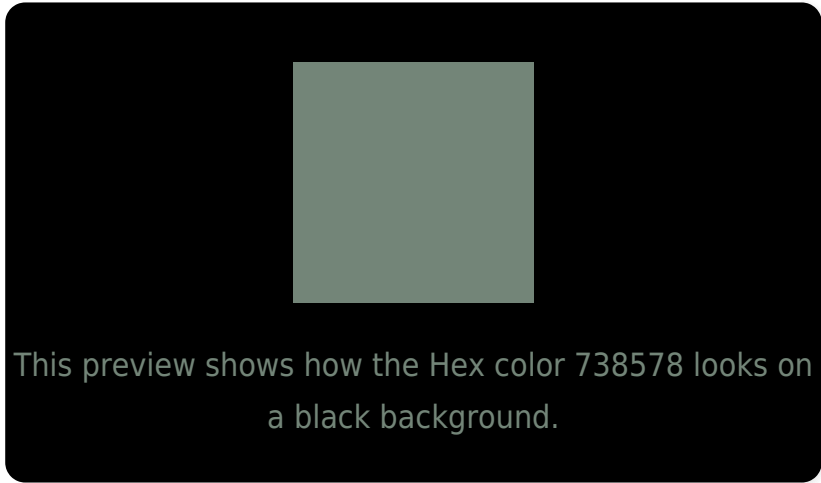
Large Text (above 18pt) WCAG AA ✓ Pass

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

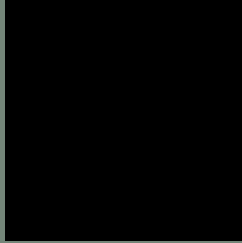
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

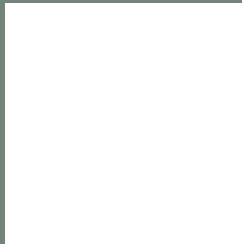
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 738578 Background



This preview shows how black text looks on a background with the Hex color 738578.

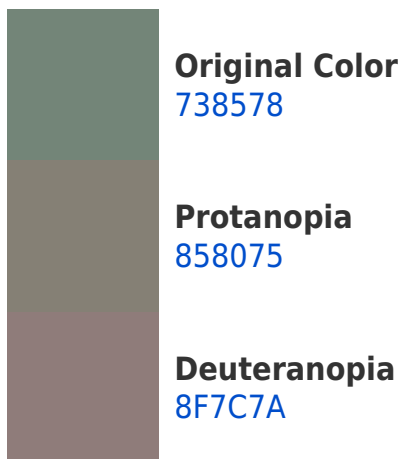


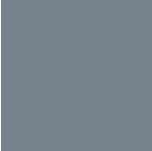
This preview shows how white text looks on a background with the Hex color 738578.

# 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](#).

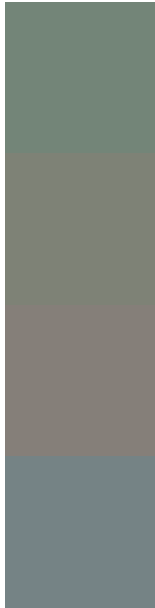
## Dichromacy





**Tritanopia**  
76828C

# Trichromacy



**Original Color**  
738578

**Protanomaly**  
7E8276

**Deuteranomaly**  
857F79

**Tritanomaly**  
758385

# Monochromacy



**Original Color**  
738578

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7A817C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 738578 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 #738578 looks like.

```
.text, #text, p{  
    color:#738578  
}
```

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 #738578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738578
}
```

## Border

The CSS property to change the border of an element to Hex 738578 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
#738578 }
```

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

```
.border{ border-color:#738578 }
```

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

Here you see how a box with a 4 pixel #738578 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738578; -webkit-box-shadow:4px 4px  
4px 4px #738578; box-shadow:4px 4px 4px  
4px #738578 }
```

# Background

The CSS property to change the background color of an element to Hex 738578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738578 }
```

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

```
.background{ background-color:#738578 }
```

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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