

# Converting Colors

Hex(768489)

Have a look what the booklet for  
Hex(768489) contains.

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# Color

Hex(768489)

# Conversions

## Conversions Part 1

Format	Color
Hex	768489
RGB	118, 132, 137
RGB Percent	46%, 52%, 54%
CMY	0.5373, 0.4824, 0.4627
CMYK	0.14, 0.04, 0.00, 0.46
HSL	196°, 7%, 50%
HSV	196°, 14%, 54%
XYZ	20.2378, 22.1602, 26.8776
YIQ	128.3840, -9.9490, -1.4130

# Conversions

## Conversions Part 2

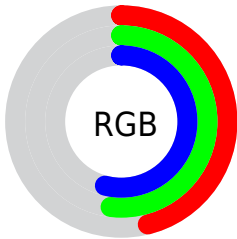
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 126, 137
Decimal	7767177
CIE Lab	54.20, -4.00, -4.43
CIE LCh	54, 5.971, 227.916
Yxy	22.1602, 0.2921, 0.3199
Android (android.graphics.Color)	4285957257 (0xFF768489)
YUV	128.3840, 4.2477, -9.1068
Hunter-Lab	47.0746, -5.6418, -0.8998

# Details

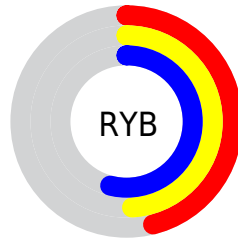
The Hex color **768489** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **897B76**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AAB9BE**, and **455357** is the 20% darker color. If you saturate the color by 10%, you get **688089**, and if you desaturate by 10%, it is **848889**.

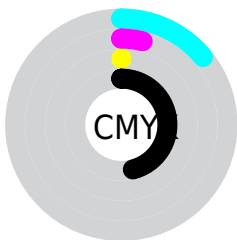
# Distribution



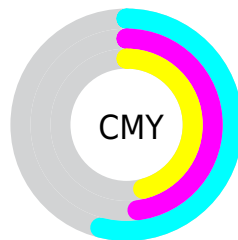
- Red (46%)
- Green (52%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (48%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 768489 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 768489 by changing the saturation by 10% instead.



■ 768489

■ 768489

FFFFFF

■ 5D6B70

■ AAB9BE

■ 455357

■ C6D5DA

■ 2F3C40

■ E2F1F7

■ 1A262A

FEFFFF

■ 001116

■ 000000

■ 768489

■ 768489

■ 688089

■ 848889

■ 5B7D89

■ 918B89

4D7989

9F8F89

3F7689

AD9289

327289

BB9689

246E89

C89A89

166B89

D69D89

086789

E4A189

006589

F1A489

# Harmonies

## Analogous

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



758585



768489



7A838B

# Triad

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



768489



8B7E84



838278

# Complementary

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



768489



897B76

# 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.



888178



768489



8D7E7F

# Square

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



768489



867F89



8C7F7A



7D847B

# Rectangle

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



768489



7E828C



8C7F7A



858277



# Sweetspot

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



768489



ABB1B3



76897B



555859



D9D9D9



595959



# Same Dimension

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



768489



94ABB3



767B89



3E4345



006285



000405



# Inverse Universe

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



897684



B394AB



898476



453E43



850062



050004



# Previews

## White Background



This preview shows how the Hex color 768489 looks on a white background.

## Color Contrast Check

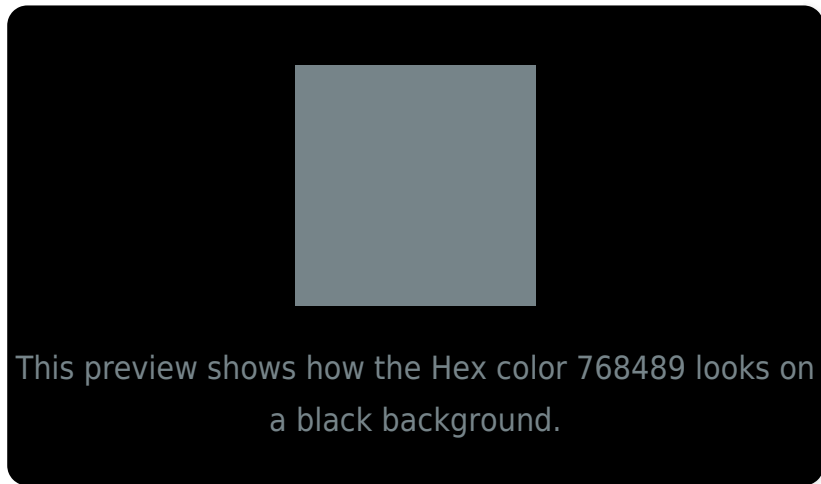
Large Text (above 18pt) WCAG AA ✓ Pass

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

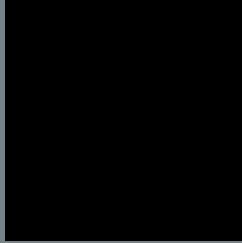
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

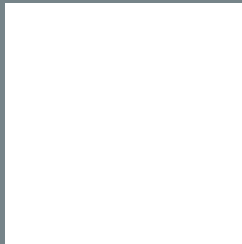
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 768489 Background



This preview shows how black text looks on a background with the Hex color 768489.



This preview shows how white text looks on a background with the Hex color 768489.

# 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**

768489

**Protanopia**

828187

**Deuteranopia**

8A7E8A



**Tritanopia**  
77838E

# Trichromacy



**Original Color**  
768489

**Protanomaly**  
7E8288

**Deuteranomaly**  
83808A

**Tritanomaly**  
77838C

# Monochromacy



**Original Color**  
768489

**Achromatopsia**  
808080

**Achromatomaly**  
7C8183

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 768489 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 #768489 looks like.

```
.text, #text, p{  
    color:#768489  
}
```

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 #768489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768489
}
```

## Border

The CSS property to change the border of an element to Hex 768489 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
#768489 }
```

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

```
.border{ border-color:#768489 }
```

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

Here you see how a box with a 4 pixel #768489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768489; -webkit-box-shadow:4px 4px  
4px 4px #768489; box-shadow:4px 4px 4px  
4px #768489 }
```

# Background

The CSS property to change the background color of an element to Hex 768489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768489 }
```

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

```
.background{ background-color:#768489 }
```

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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