

# Converting Colors

Hex(768183)

Have a look what the booklet for  
Hex(768183) contains.

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# Color

Hex(768183)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	768183
RGB	118, 129, 131
RGB Percent	46%, 51%, 51%
CMY	0.5373, 0.4941, 0.4863
CMYK	0.10, 0.02, 0.00, 0.49
HSL	189°, 5%, 49%
HSV	189°, 10%, 51%
XYZ	19.4182, 21.1908, 24.5395
YIQ	125.9390, -7.1980, -1.7100

# Conversions

## Conversions Part 2

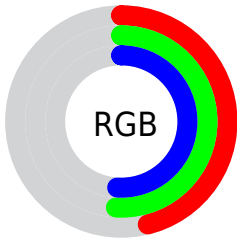
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 124, 131
Decimal	7766403
CIE <sub>Lab</sub>	53.16, -3.61, -2.47
CIE <sub>LCh</sub>	53, 4.377, 214.424
Yxy	21.1908, 0.2981, 0.3253
Android (android.graphics.Color)	4285956483 (0xFF768183)
YUV	125.9390, 2.4951, -6.9625
Hunter-Lab	46.0334, -5.2621, 0.6171

# Details

The Hex color **768183** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837876**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AAB6B8**, and **465052** is the 20% darker color. If you saturate the color by 10%, you get **697F83**, and if you desaturate by 10%, it is **838383**.

# Distribution



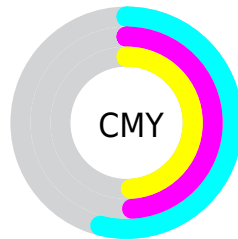
- Red (46%)
- Green (51%)
- Blue (51%)



- Red (46%)
- Yellow (49%)
- Blue (51%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 768183 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 768183 by changing the saturation by 10% instead.



■ 768183

■ 768183

FFFFFF

■ 5D686A

■ AAB6B8

■ 465052

■ C5D1D4

■ 2F393B

■ E1EEF0

■ 1A2325

FEFFFF

■ 000E10

■ 000000

■ 768183

■ 768183

■ 697F83

■ 838383

■ 5C7D83

■ 908583

■ 4F7B83

■ 9D8783

■ 427983

■ AA8983

■ 357783

■ B88B83

■ 277583

■ C58D83

■ 1A7383

■ D28F83

■ 0D7183

■ DF9183

■ 006F83

■ EC9383

# Harmonies

## Analogous

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



76817F



768183



788086

# Triad

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



768183



847D82



827F77

# Complementary

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



768183



837876

# 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.



857E78



768183



877C7E

# Square

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



768183



807E85



877D7B



7D8079

# Rectangle

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



768183



7A7F86



877D7B



837E78



# Sweetspot

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



768183



A6AAAB



768378



535657



D6D6D6



575757



# Same Dimension

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



768183



96A8AB



767B83



3C4142



006E82



000203



# Inverse Universe

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



837681



AB96A8



837E76



423C41



82006E



030002



# Previews

## White Background



This preview shows how the Hex color 768183 looks on a white background.

## Color Contrast Check

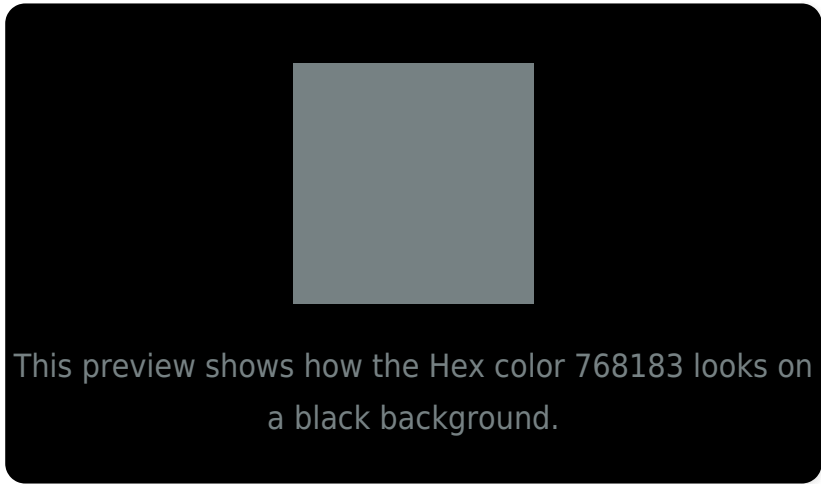
Large Text (above 18pt) WCAG AA ✓ Pass

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

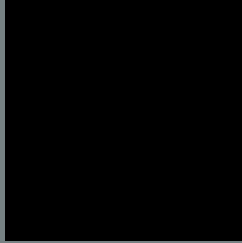
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

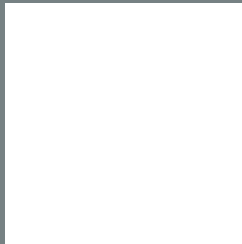
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 768183 Background



This preview shows how black text looks on a background with the Hex color 768183.



This preview shows how white text looks on a background with the Hex color 768183.

# 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**  
768183

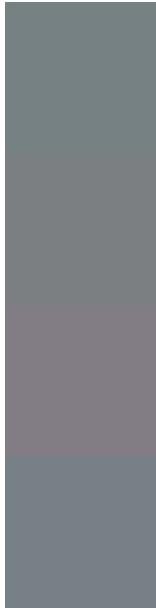
**Protanopia**  
807E81

**Deuteranopia**  
897B84



**Tritanopia**  
77808A

# Trichromacy



**Original Color**  
768183

**Protanomaly**  
7C7F82

**Deuteranomaly**  
827D84

**Tritanomaly**  
778087

# Monochromacy



**Original Color**  
768183

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7B7F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 768183 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 #768183 looks like.

```
.text, #text, p{  
    color:#768183  
}
```

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 #768183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768183
}
```

## Border

The CSS property to change the border of an element to Hex 768183 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
#768183 }
```

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

```
.border{ border-color:#768183 }
```

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

Here you see how a box with a 4 pixel #768183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768183; -webkit-box-shadow:4px 4px  
4px 4px #768183; box-shadow:4px 4px 4px  
4px #768183 }
```

# Background

The CSS property to change the background color of an element to Hex 768183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768183 }
```

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

```
.background{ background-color:#768183 }
```

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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