

# Converting Colors

Hex(387981)

Have a look what the booklet for  
Hex(387981) contains.

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# Color

**Hex(387981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	387981
RGB	56, 121, 129
RGB Percent	22%, 47%, 51%
CMY	0.7804, 0.5255, 0.4941
CMYK	0.57, 0.06, 0.00, 0.49
HSL	187°, 39%, 36%
HSV	187°, 57%, 51%
XYZ	12.4307, 16.1005, 23.2214
YIQ	102.4770, -41.3080, -11.2920

# Conversions

## Conversions Part 2

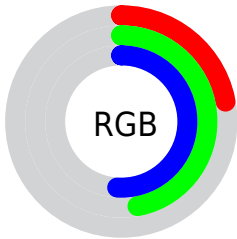
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 90, 129
Decimal	3701121
CIELab	47.11, -18.21, -10.69
CIELCh	47, 21.115, 210.411
Yxy	16.1005, 0.2402, 0.3111
Android (android.graphics.Color)	4281891201 (0xFF387981)
YUV	102.4770, 13.0758, -40.7603
Hunter-Lab	40.1254, -14.9208, -6.2246

# Details

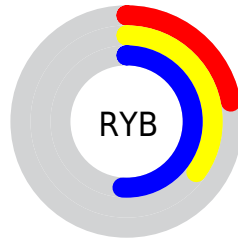
The Hex color **387981** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **814038**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6EAEB6**, and **004850** is the 20% darker color. If you saturate the color by 10%, you get **2B7881**, and if you desaturate by 10%, it is **457A81**.

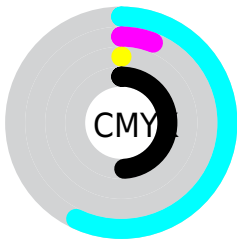
# Distribution



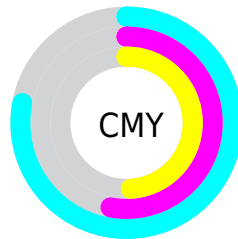
- Red (22%)
- Green (47%)
- Blue (51%)



- Red (22%)
- Yellow (35%)
- Blue (51%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (49%)



- Cyan (78%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 387981 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 387981 by changing the saturation by 10% instead.



 387981

 387981

FFFFFF

 1A6068

 6EAEB6

 004850

 89C9D1

 003139

 A5E5EE

 001D23

 C1FFFF

 00010E

 DDFFFF

 000000

 FBFFFF

 387981

 387981

 2B7881

 457A81

■ 1E7681

■ 527C81

■ 117581

■ 5F7D81

■ 047381

■ 6C7F81

■ 007381

■ 798081

■ 858181

■ 928381

■ 9F8481

■ AC8681

# Harmonies

## Analogous

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



427A6F



387981



42768E

# Triad

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



387981



876581



7C6F4C

# Complementary

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



387981



814038

# 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.



8B6951



387981



926370

# Square

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



387981



736B8E



93645F



697451

# Rectangle

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



387981



517392



93645F



826D4D



# Sweetspot

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



387981



8CA5A8



38813F



435254



D4D4D4



545454



# Same Dimension

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



387981



369CA8



385581



393F40



007280



000000



# Inverse Universe

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



813879



A8369C



816438



40393F



800072

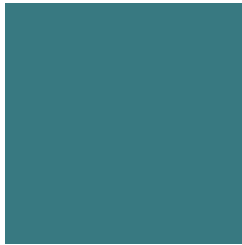


000000



# Previews

## White Background



This preview shows how the Hex color 387981 looks on a white background.

## Color Contrast Check

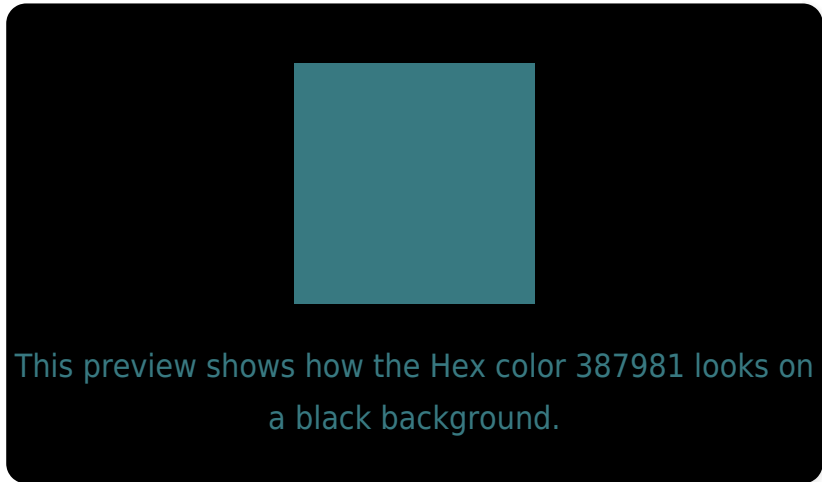
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

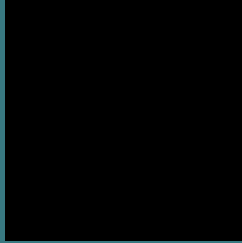
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 387981 Background



This preview shows how black text looks on a background with the Hex color 387981.

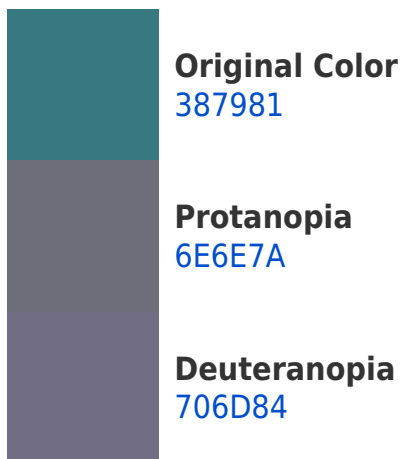


This preview shows how white text looks on a background with the Hex color 387981.

# Color Blindness Simulation

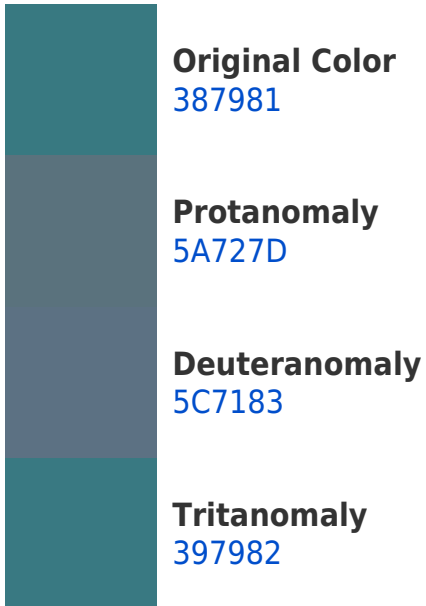
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

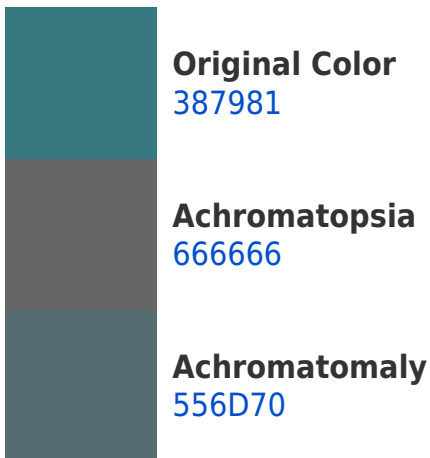




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 387981 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 #387981 looks like.

```
.text, #text, p{  
    color:#387981  
}
```

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 #387981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387981
}
```

## Border

The CSS property to change the border of an element to Hex 387981 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
#387981 }
```

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

```
.border{ border-color:#387981 }
```

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

Here you see how a box with a 4 pixel #387981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387981; -webkit-box-shadow:4px 4px  
4px 4px #387981; box-shadow:4px 4px 4px  
4px #387981 }
```

# Background

The CSS property to change the background color of an element to Hex 387981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387981 }
```

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

```
.background{ background-color:#387981 }
```

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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