

# Converting Colors

Hex(39676A)

Have a look what the booklet for  
Hex(39676A) contains.

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# Color

**Hex(39676A)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 39676A                     |
| RGB         | 57, 103, 106               |
| RGB Percent | 22%, 40%, 42%              |
| CMY         | 0.7765, 0.5961, 0.5843     |
| CMYK        | 0.46, 0.03, 0.00, 0.58     |
| HSL         | 184°, 30%, 32%             |
| HSV         | 184°, 46%, 42%             |
| XYZ         | 9.1391, 11.6110, 15.3951   |
| YIQ         | 89.5880, -28.3790, -8.8190 |

# Conversions

## Conversions Part 2

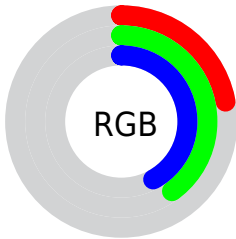
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 57, 81, 106                   |
| Decimal                             | 3762026                       |
| CIELab                              | 40.59, -14.86, -6.62          |
| CIELCh                              | 41, 16.270, 204.017           |
| Yxy                                 | 11.6110, 0.2528,<br>0.3212    |
| Android<br>(android.graphics.Color) | 4281952106<br>(0xFF39676A)    |
| YUV                                 | 89.5880, 8.0911,<br>-28.5797  |
| Hunter-Lab                          | 34.0749, -11.7561,<br>-2.9350 |

# Details

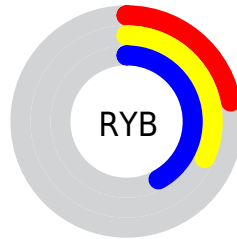
The Hex color **39676A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3C39**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6C9A9D**, and **02383B** is the 20% darker color. If you saturate the color by 10%, you get **2E666A**, and if you desaturate by 10%, it is **44686A**.

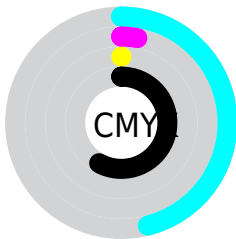
# Distribution



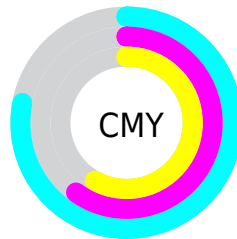
- Red (22%)
- Green (40%)
- Blue (42%)



- Red (22%)
- Yellow (32%)
- Blue (42%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39676A 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 39676A by changing the saturation by 10% instead.





39676A



39676A

FFFFFF



204F52



6C9A9D



02383B



86B5B8



002225



A1D1D4



000511



BCEDF0



000000



D8FFFF



F5FFFF



39676A



39676A



2E666A



44686A

24666A

4E686A

19656A

59696A

0F646A

636A6A

04646A

6E6A6A

00646A

796B6A

836C6A

8E6C6A

986D6A

# Harmonies

## Analogous

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



41675C



39676A



3D6575

# Triad

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



39676A



6E596F



6C5E45

# Complementary

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



39676A



6A3C39

# 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.



765A4B



39676A



785663

# Square

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



39676A



5E5D78



7B5755



5E6247

# Rectangle

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



39676A



466379



7B5755



705C46



# Sweetspot

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



39676A



76898A



396A3B



394445



C4C4C4



454545



# Same Dimension

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



39676A



3E858A



394F6A



303536



006E75



00E6F5



# Inverse Universe

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



6A3967



8A3E85



6A5439



363035



75006E



F500E6



# Previews

## White Background



This preview shows how the Hex color 39676A looks on a white background.

## Color Contrast Check

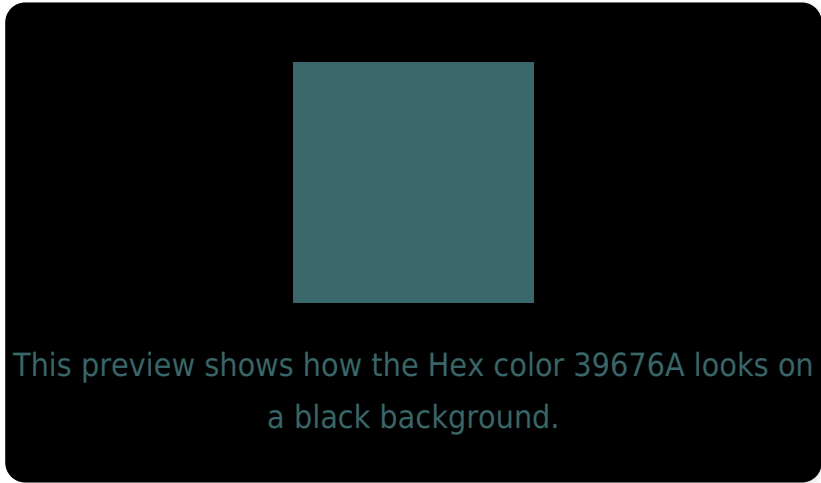
Large Text (above 18pt) WCAG AA ✓ Pass

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

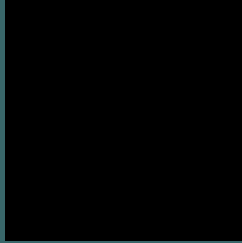
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39676A Background



This preview shows how black text looks on a background with the Hex color 39676A.

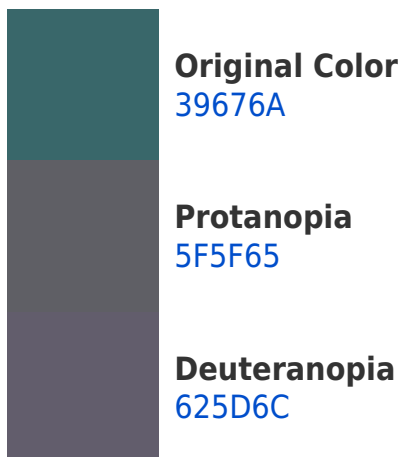



This preview shows how white text looks on a background with the Hex color 39676A.

# 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](#).

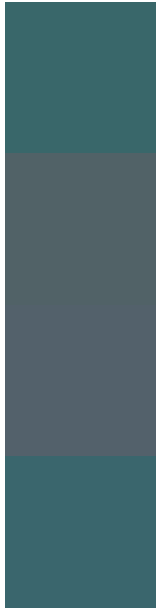
## Dichromacy





**Tritanopia**  
3A666F

# Trichromacy



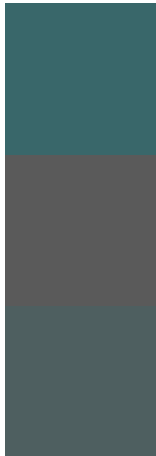
**Original Color**  
39676A

**Protanomaly**  
516267

**Deuteranomaly**  
53616B

**Tritanomaly**  
3A666D

# Monochromacy



**Original Color**  
39676A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4E5F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39676A 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 #39676A looks like.

```
.text, #text, p{  
    color:#39676A  
}
```

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 #39676A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39676A
}
```

## Border

The CSS property to change the border of an element to Hex 39676A 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
#39676A }
```

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

```
.border{ border-color:#39676A }
```

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

Here you see how a box with a 4 pixel #39676A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39676A; -webkit-box-shadow:4px 4px  
4px 4px #39676A; box-shadow:4px 4px 4px  
4px #39676A }
```

# Background

The CSS property to change the background color of an element to Hex 39676A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39676A }
```

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

```
.background{ background-color:#39676A }
```

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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