

# Converting Colors

Hex(3970A5)

Have a look what the booklet for  
Hex(3970A5) contains.

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# Color

Hex(3970A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3970A5
RGB	57, 112, 165
RGB Percent	22%, 44%, 65%
CMY	0.7765, 0.5608, 0.3529
CMYK	0.65, 0.32, 0.00, 0.35
HSL	209°, 49%, 44%
HSV	209°, 65%, 65%
XYZ	14.2730, 15.1748, 37.7741
YIQ	101.5970, -49.7930, 4.8230

# Conversions

## Conversions Part 2

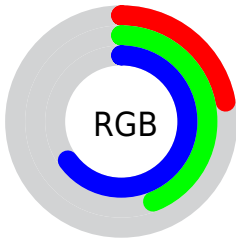
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 93, 165
Decimal	3764389
CIELab	45.87, -0.93, -33.85
CIElCh	46, 33.867, 268.429
Yxy	15.1748, 0.2123, 0.2257
Android (android.graphics.Color)	4281954469 (0xFF3970A5)
YUV	101.5970, 31.2577, -39.1116
Hunter-Lab	38.9549, -2.7687, -30.2244

# Details

The Hex color **3970A5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A56E39**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73A3DC**, and **004171** is the 20% darker color. If you saturate the color by 10%, you get **2968A5**, and if you desaturate by 10%, it is **4A78A5**.

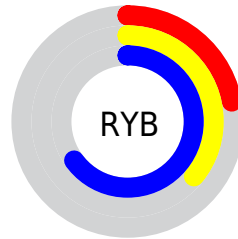
# Distribution



Red (22%)

Green (44%)

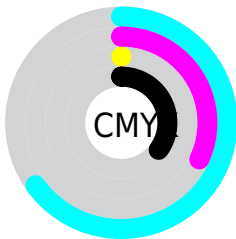
Blue (65%)



Red (22%)

Yellow (36%)

Blue (65%)

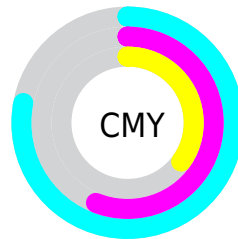


Cyan (65%)

Magenta (32%)

Yellow (0%)

Black (35%)



Cyan (78%)

Magenta (56%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3970A5 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 3970A5 by changing the saturation by 10% instead.



■ 3970A5

■ 3970A5

FFFFFF

■ 15588A

■ 73A3DC

■ 004171

■ 8FB EF9

■ 002B58

■ ABDAFF

■ 001740

■ C8F7FF

■ 00032A

■ E5FFFF

■ 000114

■ 000000

■ 3970A5

■ 3970A5

■ 2968A5

■ 4A78A5

■ 1860A5

■ 5A80A5

■ 0758A5

■ 6A88A5

■ 0054A5

■ 7B90A5

■ 8B98A5

■ 9CA1A5

■ ACA9A5

■ BDB1A5

■ CEB9A5

# Harmonies

## Analogous

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



00779C



3970A5



6D669E

# Triad

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



3970A5



A15853



40784E

# Complementary

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



3970A5



A56E39

# 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.



637339



3970A5



95603D

# Square

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



3970A5



A0556F



7F6B33



007B6A

# Rectangle

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



3970A5



855F92



7F6B33



4C7746



# Sweetspot

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



3970A5



ABC1D6



39A56D



515E6B



EBEBEB



6B6B6B



# Same Dimension

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



3970A5



2D83D6



393BA5



494E52



004A91



000912



# Inverse Universe

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



A53970



D62D83



A5A339



52494E



91004A



120009



# Previews

## White Background



This preview shows how the Hex color 3970A5 looks on a white background.

## Color Contrast Check

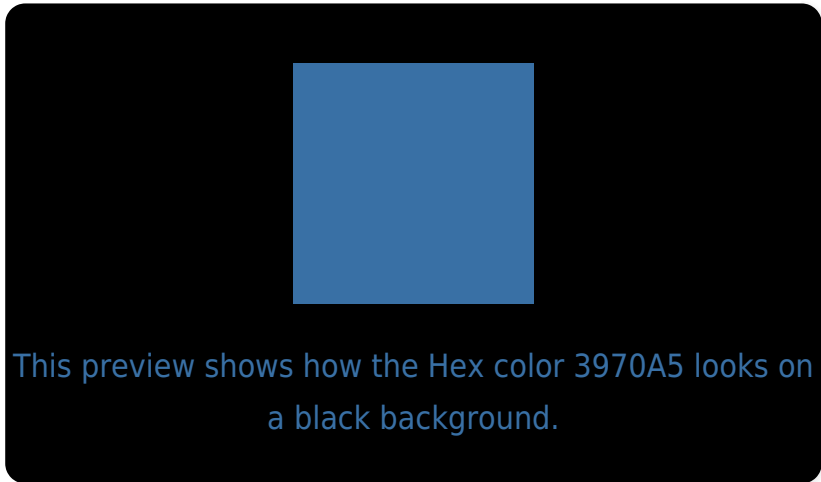
Large Text (above 18pt) WCAG AA ✓ Pass

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

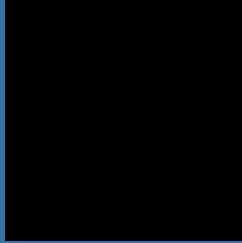
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3970A5 Background



This preview shows how black text looks on a background with the Hex color 3970A5.

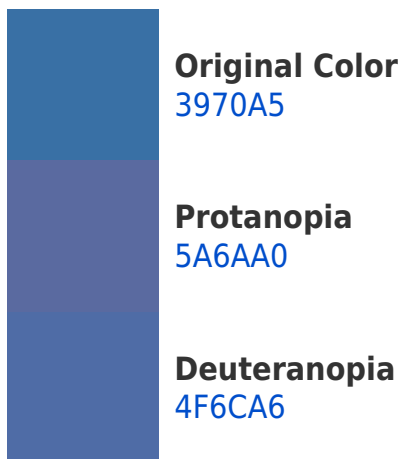


This preview shows how white text looks on a background with the Hex color 3970A5.

# 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](#).

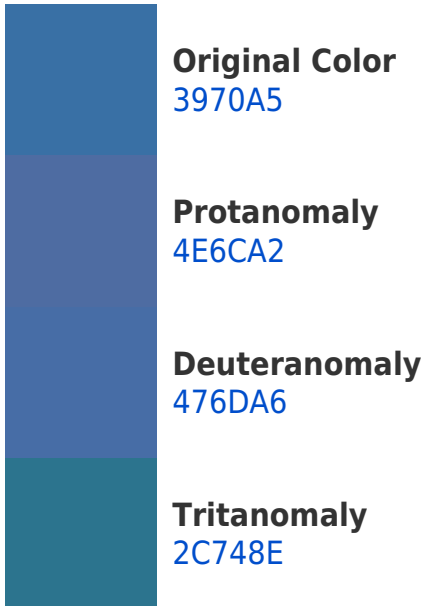
## Dichromacy



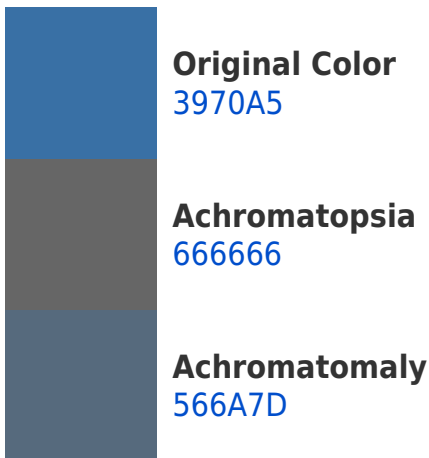


**Tritanopia**  
247781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3970A5 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 #3970A5 looks like.

```
.text, #text, p{  
    color:#3970A5  
}
```

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 #3970A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3970A5
}
```

## Border

The CSS property to change the border of an element to Hex 3970A5 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
#3970A5 }
```

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

```
.border{ border-color:#3970A5 }
```

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

Here you see how a box with a 4 pixel #3970A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3970A5; -webkit-box-shadow:4px 4px  
4px 4px #3970A5; box-shadow:4px 4px 4px  
4px #3970A5 }
```

# Background

The CSS property to change the background color of an element to Hex 3970A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3970A5 }
```

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

```
.background{ background-color:#3970A5 }
```

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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