

Converting Colors

Hex(3C3A70)

Have a look what the booklet for
Hex(3C3A70) contains.

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Color

Hex(3C3A70)

Conversions

Conversions Part 1

Format	Color
Hex	3C3A70
RGB	60, 58, 112
RGB Percent	24%, 23%, 44%
CMY	0.7647, 0.7725, 0.5608
CMYK	0.46, 0.48, 0.00, 0.56
HSL	242°, 32%, 33%
HSV	242°, 48%, 44%
XYZ	6.3012, 5.1566, 15.9925
YIQ	64.7540, -16.1420, 17.2180

Conversions

Conversions Part 2

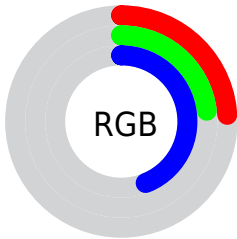
Format	Color
R_{YB}	60, 58, 112
Decimal	3947120
CIE _{Lab}	27.18, 16.26, -31.08
CIE _{LCh}	27, 35.076, 297.613
Yxy	5.1566, 0.2295, 0.1879
Android (android.graphics.Color)	4282137200 (0xFF3C3A70)
YUV	64.7540, 23.2923, -4.1693
Hunter-Lab	22.7082, 9.7916, -25.8598

Details

The Hex color **3C3A70** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E703A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6F69A4**, and **071040** is the 20% darker color. If you saturate the color by 10%, you get **312F70**, and if you desaturate by 10%, it is **474570**.

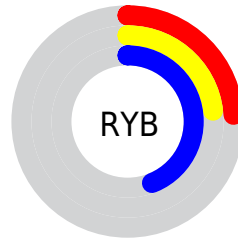
Distribution



Red (24%)

Green (23%)

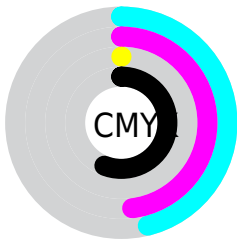
Blue (44%)



Red (24%)

Yellow (23%)

Blue (44%)

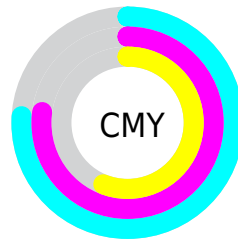


Cyan (46%)

Magenta (48%)

Yellow (0%)

Black (56%)



Cyan (76%)

Magenta (77%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3A70 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 3C3A70 by changing the saturation by 10% instead.

■ 3C3A70

■ 3C3A70

FFFFFF

■ 232457

■ 6F69A4

■ 071040

■ 8982BF

■ 000029

■ A49CDB

■ 000113

■ BFB7F8

■ 000000

■ DCD3FF

■ F9EFFF

■ 3C3A70

■ 3C3A70

■ 312F70

■ 474570

■ 262470

■ 525070

■ 1C1870

■ 5C5C70

■ 110D70

■ 676770

■ 060270

■ 727270

■ 040070

■ 7D7D70

■ 878870

■ 929470

■ 9D9F70

Harmonies

Analogous

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



004476



3C3A70



5E2E5D

Triad

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



3C3A70



643412



004D3D

Complementary

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



3C3A70



6E703A

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.



0B4B22



3C3A70



503E03

Square

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



3C3A70



6F2929



35460B



004D58

Rectangle

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



3C3A70



6B284C



35460B



004C34

Sweetspot

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



3C3A70



7E7D91



3A6E70



3E3D4A



C9C9C9



4A4A4A

Same Dimension

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



3C3A70



403D91



573A70



333238



040078



0900F7

Inverse Universe

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



703A6E



913D8E



53703A



383238



780073



F700EE

Previews

White Background



This preview shows how the Hex color 3C3A70 looks on a white background.

Color Contrast Check

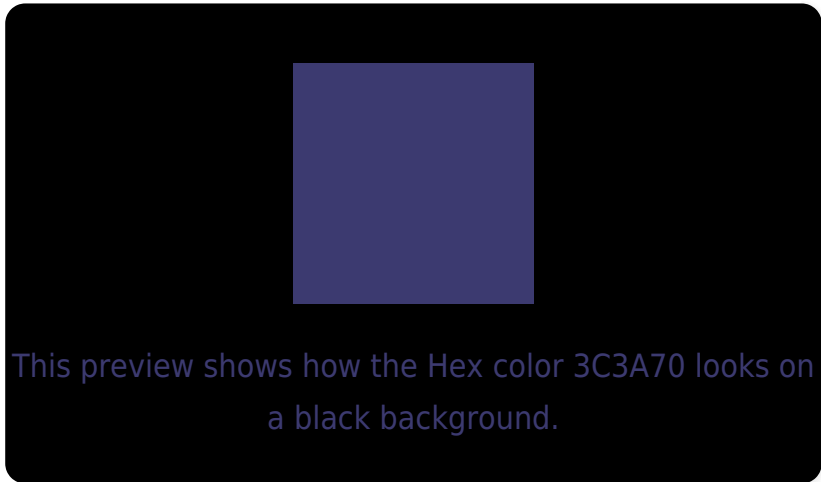
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

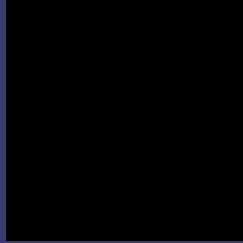
Any Text WCAG AA × Fail

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 3C3A70 Background



This preview shows how black text looks on a background with the Hex color 3C3A70.



This preview shows how white text looks on a background with the Hex color 3C3A70.

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](#).

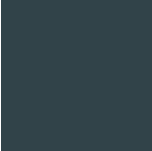
Dichromacy



Original Color
3C3A70

Protanopia
263E74

Deuteranopia
1D416E



Tritanopia
314349

Trichromacy



Original Color
3C3A70

Protanomaly
2E3D73

Deuteranomaly
283E6F

Tritanomaly
354057

Monochromacy



Original Color
3C3A70

Achromatopsia
414141

Achromatomaly
3F3E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3A70 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 #3C3A70 looks like.

```
.text, #text, p{  
    color:#3C3A70  
}
```

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 #3C3A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3A70
}
```

Border

The CSS property to change the border of an element to Hex 3C3A70 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
#3C3A70 }
```

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

```
.border{ border-color:#3C3A70 }
```

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

Here you see how a box with a 4 pixel #3C3A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3A70; -webkit-box-shadow:4px 4px  
4px 4px #3C3A70; box-shadow:4px 4px 4px  
4px #3C3A70 }
```

Background

The CSS property to change the background color of an element to Hex 3C3A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3A70 }
```

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

```
.background{ background-color:#3C3A70 }
```

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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