

# Converting Colors

Hex(3C3682)

Have a look what the booklet for  
Hex(3C3682) contains.

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# Color

**Hex(3C3682)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C3682
RGB	60, 54, 130
RGB Percent	24%, 21%, 51%
CMY	0.7647, 0.7882, 0.4902
CMYK	0.54, 0.58, 0.00, 0.49
HSL	245°, 41%, 36%
HSV	245°, 58%, 51%
XYZ	7.2119, 5.2107, 21.7447
YIQ	64.4580, -20.8200, 24.9080

# Conversions

## Conversions Part 2

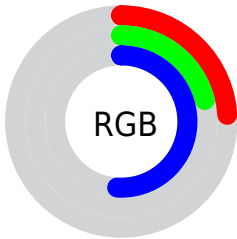
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 54, 130
Decimal	3946114
CIELab	27.33, 24.92, -42.20
CIELCh	27, 49.012, 300.565
Yxy	5.2107, 0.2111, 0.1525
Android (android.graphics.Color)	4282136194 (0xFF3C3682)
YUV	64.4580, 32.3122, -3.9097
Hunter-Lab	22.8270, 16.4478, -40.5002

# Details

The Hex color **3C3682** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7C8236**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7165B8**, and **000C50** is the 20% darker color. If you saturate the color by 10%, you get **302982**, and if you desaturate by 10%, it is **484382**.

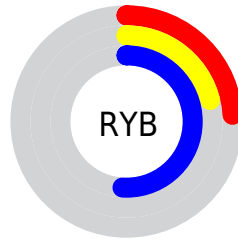
# Distribution



Red (24%)

Green (21%)

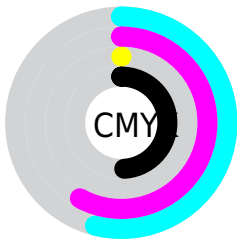
Blue (51%)



Red (24%)

Yellow (21%)

Blue (51%)

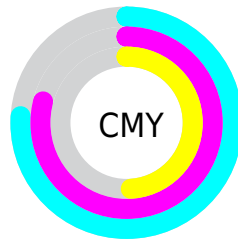


Cyan (54%)

Magenta (58%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (79%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C3682 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 3C3682 by changing the saturation by 10% instead.





3C3682



3C3682

FFFFFF



202068



7165B8



000C50



8C7ED4



000038



A898F0



000222



C4B3FF



000008



E1CEFF



000000



FEEBFF



3C3682



3C3682



302982



484382

■ 241C82

■ 545082

■ 180F82

■ 605D82

■ 0C0282

■ 6C6A82

■ 0A0082

■ 787782

■ 848482

■ 909182

■ 9C9E82

■ A8AB82

# Harmonies

## Analogous

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



00458D



3C3682



6D2066

# Triad

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



3C3682



6C2F00



005040

# Complementary

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



3C3682



7C8236

# 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.



004E18



3C3682



4F3F00

# Square

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



3C3682



7E191D



294900



005066

# Rectangle

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



3C3682



7C104E



294900



005033



# Sweetspot

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



3C3682



8C8AA8



367D82



434254



D4D4D4



545454



# Same Dimension

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



3C3682



3C32A8



613682



3A3940



0A0080



000000



# Inverse Universe

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



82367C



A8329F



578236



40393F



800075



000000



# Previews

## White Background



This preview shows how the Hex color 3C3682 looks on a white background.

## Color Contrast Check

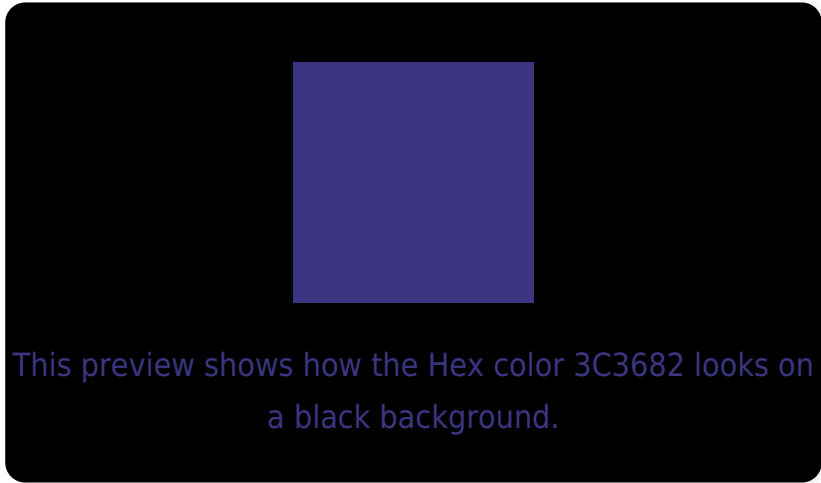
Large Text (above 18pt) WCAG AA ✓ Pass

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

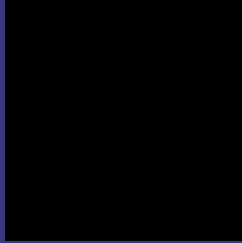
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C3682 Background



This preview shows how black text looks on a background with the Hex color 3C3682.



This preview shows how white text looks on a background with the Hex color 3C3682.

# 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**  
3C3682

**Protanopia**  
003E84

**Deuteranopia**  
004273



**Tritanopia**  
29454B

# Trichromacy



**Original Color**  
3C3682

**Protanomaly**  
163B83

**Deuteranomaly**  
163E78

**Tritanomaly**  
30405F

# Monochromacy



**Original Color**  
3C3682

**Achromatopsia**  
404040

**Achromatomaly**  
3F3C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C3682 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 #3C3682 looks like.

```
.text, #text, p{  
    color:#3C3682  
}
```

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 #3C3682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3682
}
```

## Border

The CSS property to change the border of an element to Hex 3C3682 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
#3C3682 }
```

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

```
.border{ border-color:#3C3682 }
```

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

Here you see how a box with a 4 pixel #3C3682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3682; -webkit-box-shadow:4px 4px  
4px 4px #3C3682; box-shadow:4px 4px 4px  
4px #3C3682 }
```

# Background

The CSS property to change the background color of an element to Hex 3C3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3682 }
```

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

```
.background{ background-color:#3C3682 }
```

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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