

Converting Colors

Hex(3C3382)

Have a look what the booklet for
Hex(3C3382) contains.

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Color

Hex(3C3382)

Conversions

Conversions Part 1

Format	Color
Hex	3C3382
RGB	60, 51, 130
RGB Percent	24%, 20%, 51%
CMY	0.7647, 0.8000, 0.4902
CMYK	0.54, 0.61, 0.00, 0.49
HSL	247°, 44%, 35%
HSV	247°, 61%, 51%
XYZ	7.0766, 4.9400, 21.6996
YIQ	62.6970, -19.9950, 26.4770

Conversions

Conversions Part 2

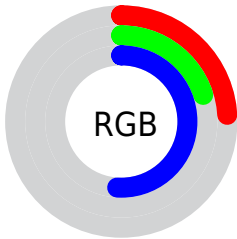
Format	Color
R_{YB}	60, 51, 130
Decimal	3945346
CIE _{Lab}	26.56, 26.88, -43.44
CIE _{LCh}	27, 51.084, 301.752
Yxy	4.9400, 0.2099, 0.1465
Android (android.graphics.Color)	4282135426 (0xFF3C3382)
YUV	62.6970, 33.1804, -2.3653
Hunter-Lab	22.2262, 17.9367, -42.3272

Details

The Hex color **3C3382** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **798233**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7162B8**, and **000950** is the 20% darker color. If you saturate the color by 10%, you get **302682**, and if you desaturate by 10%, it is **484082**.

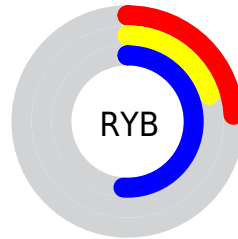
Distribution



Red (24%)

Green (20%)

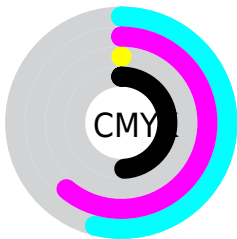
Blue (51%)



Red (24%)

Yellow (20%)

Blue (51%)

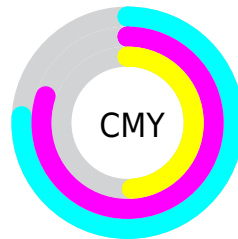


Cyan (54%)

Magenta (61%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (80%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3382 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 3C3382 by changing the saturation by 10% instead.

■ 3C3382

■ 3C3382

FFFFFF

■ 201D68

■ 7162B8

■ 000950

■ 8D7BD4

■ 000038

■ A895F0

■ 000222

■ C4AFFF

■ 000007

■ E1CBFF

■ 000000

■ FEE7FF

■ 3C3382

■ 3C3382

■ 302682

■ 484082

■ 251982

■ 534D82

■ 190C82

■ 5F5A82

■ 0F0082

■ 6A6782

■ 767482

■ 818182

■ 8D8E82

■ 989B82

■ A4A882

Harmonies

Analogous

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



00438E



3C3382



6E1A64

Triad

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



3C3382



6A2D00



004F40

Complementary

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



3C3382



798233

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.



004D16



3C3382



4C3E00

Square

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



3C3382



7D1418



244800



004F67

Rectangle

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



3C3382



7D044B



244800



004E32

Sweetspot

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



3C3382



8D8AA8



337A82



444254



D4D4D4



545454

Same Dimension

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



3C3382



3B2DA8



623382



3A3940



0F0080



000000

Inverse Universe

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



823379



A82D9A



538233



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 3C3382 looks on a white background.

Color Contrast Check

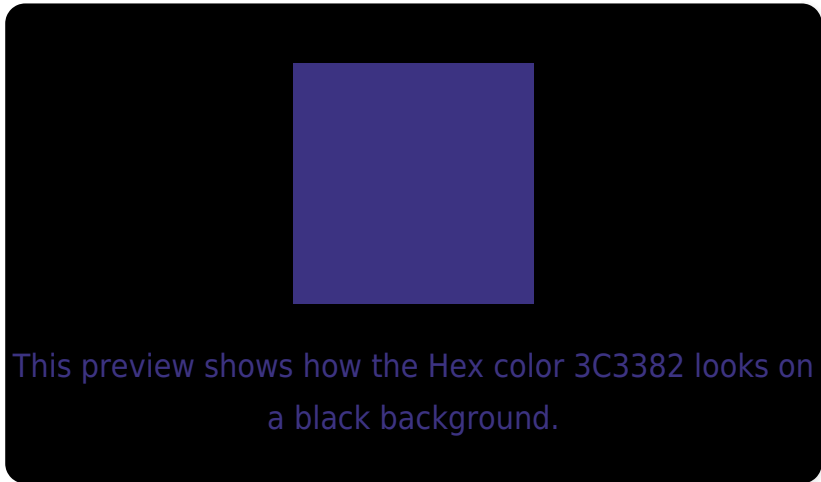
Large Text (above 18pt) WCAG AA ✓ Pass

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

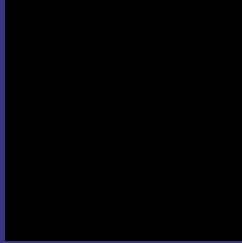
Any Text WCAG AA × Fail

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 3C3382 Background



This preview shows how black text looks on a background with the Hex color 3C3382.



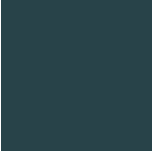
This preview shows how white text looks on a background with the Hex color 3C3382.

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
284349

Trichromacy



Original Color
3C3382

Protanomaly
163981

Deuteranomaly
163B77

Tritanomaly
2F3D5E

Monochromacy



Original Color
3C3382

Achromatopsia
3F3F3F

Achromatomaly
3E3B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3382 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 #3C3382 looks like.

```
.text, #text, p{  
    color:#3C3382  
}
```

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 #3C3382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3382
}
```

Border

The CSS property to change the border of an element to Hex 3C3382 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
#3C3382 }
```

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

```
.border{ border-color:#3C3382 }
```

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

Here you see how a box with a 4 pixel #3C3382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3382; -webkit-box-shadow:4px 4px  
4px 4px #3C3382; box-shadow:4px 4px 4px  
4px #3C3382 }
```

Background

The CSS property to change the background color of an element to Hex 3C3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3382 }
```

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

```
.background{ background-color:#3C3382 }
```

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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