

Converting Colors

Hex(3A3282)

Have a look what the booklet for
Hex(3A3282) contains.

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Color

Hex(3A3282)

Conversions

Conversions Part 1

Format	Color
Hex	3A3282
RGB	58, 50, 130
RGB Percent	23%, 20%, 51%
CMY	0.7725, 0.8039, 0.4902
CMYK	0.55, 0.62, 0.00, 0.49
HSL	246°, 44%, 35%
HSV	246°, 62%, 51%
XYZ	6.9148, 4.7925, 21.6797
YIQ	61.5120, -20.9120, 26.5760

Conversions

Conversions Part 2

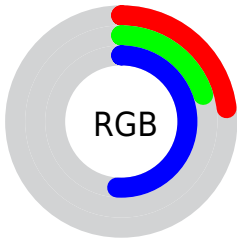
Format	Color
RYB	58, 50, 130
Decimal	3814018
CIELab	26.14, 27.11, -44.14
CIElCh	26, 51.802, 301.560
Yxy	4.7925, 0.2071, 0.1435
Android (android.graphics.Color)	4282004098 (0xFF3A3282)
YUV	61.5120, 33.7646, -3.0800
Hunter-Lab	21.8917, 18.0713, -43.3917

Details

The Hex color **3A3282** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7A8232**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7061B8**, and **000850** is the 20% darker color. If you saturate the color by 10%, you get **2E2582**, and if you desaturate by 10%, it is **463F82**.

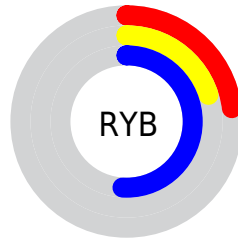
Distribution



Red (23%)

Green (20%)

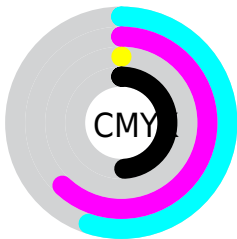
Blue (51%)



Red (23%)

Yellow (20%)

Blue (51%)

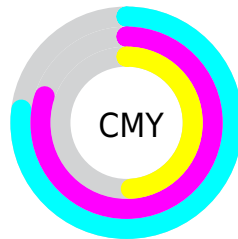


Cyan (55%)

Magenta (62%)

Yellow (0%)

Black (49%)



Cyan (77%)

Magenta (80%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3282 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 3A3282 by changing the saturation by 10% instead.

■ 3A3282

■ 3A3282

FFFFFF

■ 1D1D68

■ 7061B8

■ 000850

■ 8B7AD4

■ 000038

■ A694F0

■ 000222

■ C3AEFF

■ 000007

■ DFCAFF

■ 000000

■ FDE6FF

■ 3A3282

■ 3A3282

■ 2E2582

■ 463F82

■ 231882

■ 514C82

■ 170B82

■ 5D5982

■ 0D0082

■ 696682

■ 747382

■ 808082

■ 8C8D82

■ 989A82

■ A3A782

Harmonies

Analogous

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



00438E



3A3282



6D1764

Triad

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



3A3282



692C00



004E3F

Complementary

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



3A3282



7A8232

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.



004C14



3A3282



4B3D00

Square

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



3A3282



7D1117



234700



004E66

Rectangle

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



3A3282



7C004B



234700



004D31

Sweetspot

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



3A3282



8D8AA8



327A82



434254



D4D4D4



545454

Same Dimension

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



3A3282



382CA8



623282



3A3940



0D0080



000000

Inverse Universe

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



82327A



A82C9C



528232



40393F



800073



000000

Previews

White Background



This preview shows how the Hex color 3A3282 looks on a white background.

Color Contrast Check

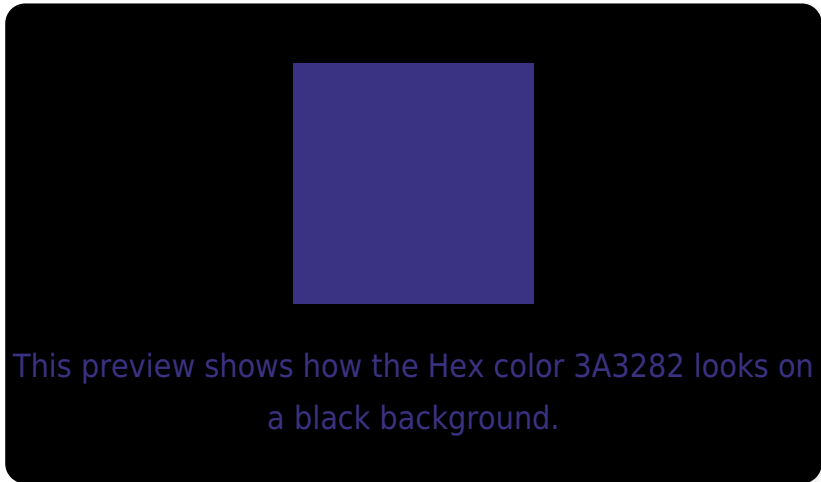
Large Text (above 18pt) WCAG AA ✓ Pass

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

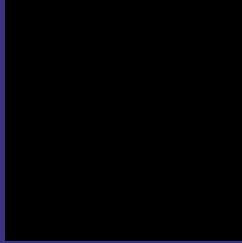
Any Text WCAG AA × Fail

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 3A3282 Background



This preview shows how black text looks on a background with the Hex color 3A3282.



This preview shows how white text looks on a background with the Hex color 3A3282.

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](#).

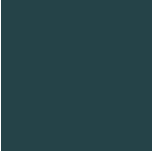
Dichromacy



Original Color
3A3282

Protanopia
003C7F

Deuteranopia
00406E



Tritanopia
254348

Trichromacy



Original Color
3A3282

Protanomaly
153880

Deuteranomaly
153B75

Tritanomaly
2D3D5D

Monochromacy



Original Color
3A3282

Achromatopsia
3E3E3E

Achromatomaly
3D3A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3282 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 #3A3282 looks like.

```
.text, #text, p{  
    color:#3A3282  
}
```

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 #3A3282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3282
}
```

Border

The CSS property to change the border of an element to Hex 3A3282 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
#3A3282 }
```

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

```
.border{ border-color:#3A3282 }
```

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

Here you see how a box with a 4 pixel #3A3282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3282; -webkit-box-shadow:4px 4px  
4px 4px #3A3282; box-shadow:4px 4px 4px  
4px #3A3282 }
```

Background

The CSS property to change the background color of an element to Hex 3A3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3282 }
```

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

```
.background{ background-color:#3A3282 }
```

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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