

Converting Colors

Hex(343977)

Have a look what the booklet for
Hex(343977) contains.

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Color

Hex(343977)

Conversions

Conversions Part 1

Format	Color
Hex	343977
RGB	52, 57, 119
RGB Percent	20%, 22%, 47%
CMY	0.7961, 0.7765, 0.5333
CMYK	0.56, 0.52, 0.00, 0.53
HSL	236°, 39%, 34%
HSV	236°, 56%, 47%
XYZ	6.2091, 4.9882, 18.0883
YIQ	62.5730, -22.8820, 18.2220

Conversions

Conversions Part 2

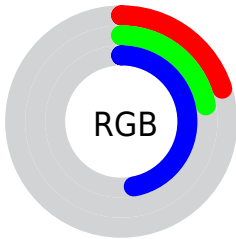
Format	Color
RYB	52, 57, 119
Decimal	3422583
CIELab	26.70, 17.32, -36.32
CIELCh	27, 40.238, 295.488
Yxy	4.9882, 0.2120, 0.1703
Android (android.graphics.Color)	4281612663 (0xFF343977)
YUV	62.5730, 27.8185, -9.2725
Hunter-Lab	22.3343, 10.5389, -32.3843




Details

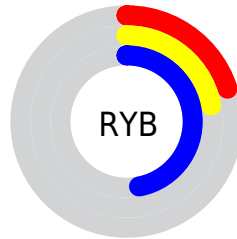
The Hex color **343977** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **777234**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **6868AC**, and **001046** is the 20% darker color. If you saturate the color by 10%, you get **282E77**, and if you desaturate by 10%, it is **404477**.

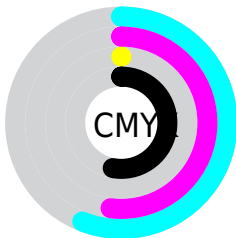
Distribution







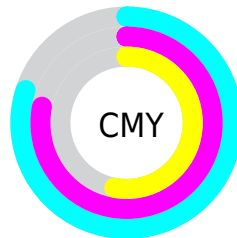
-  Red (20%)
-  Green (22%)
-  Blue (47%)






-  Red (20%)
-  Yellow (22%)
-  Blue (47%)



-  Cyan (56%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (78%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343977 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 343977 by changing the saturation by 10% instead.

■ 343977

■ 343977

FFFFFF

■ 18245E

■ 6868AC

■ 001046

■ 8381C7

■ 00012F

■ 9E9BE4

■ 000119

■ BAB6FF

■ 000000

■ D6D1FF

■ F3EEFF

■ 343977

■ 343977

■ 282E77

■ 404477

■ 1C2377

■ 4C4F77

■ 101877

■ 585A77

■ 040D77

■ 646577

■ 000977

■ 6F7077

■ 7B7B77

■ 878677

■ 939177

■ 9F9C77

Harmonies

Analogous

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



00447D



343977



5F2A62

Triad

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



343977



672F0A



004D39

Complementary

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



343977



777234

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.



004A1A



343977



513C00

Square

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



343977



742227



344500



004D59

Rectangle

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



343977



6E214F



344500



004C2F

Sweetspot

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



343977



81839C



347771



3F404F



CFCFCF



4F4F4F

Same Dimension

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



343977



323A9C



503477



35353B



00097A



0013FA

Inverse Universe

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



773439



9C323A



5B7734



3B3535



7A0009



FA0013

Previews

White Background



This preview shows how the Hex color 343977 looks on a white background.

Color Contrast Check

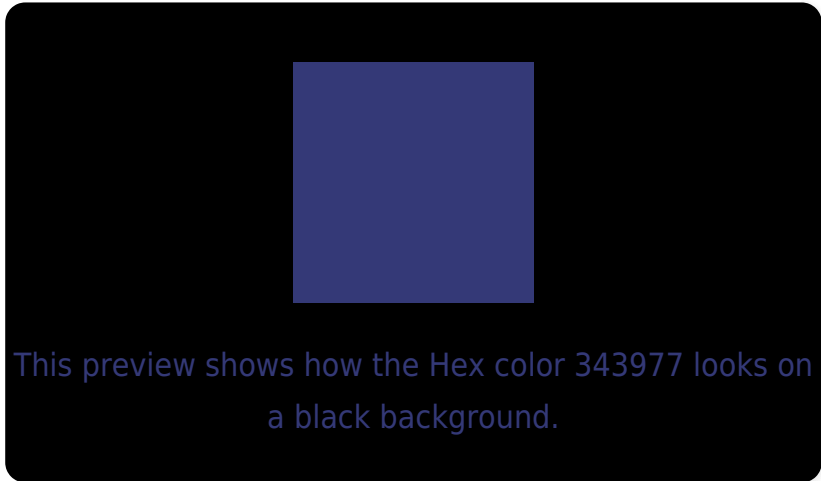
Large Text (above 18pt) WCAG AA ✓ Pass

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

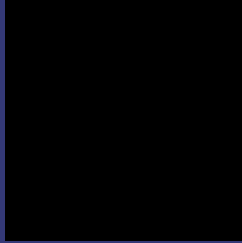
Any Text WCAG AA × Fail

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 343977 Background



This preview shows how black text looks on a background with the Hex color 343977.



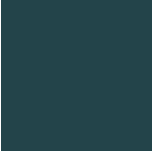
This preview shows how white text looks on a background with the Hex color 343977.

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
23444A

Trichromacy



Original Color
343977

Protanomaly
233C7A

Deuteranomaly
133D73

Tritanomaly
29405A

Monochromacy



Original Color
343977

Achromatopsia
3F3F3F

Achromatomaly
3B3D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 343977 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 #343977 looks like.

```
.text, #text, p{  
    color:#343977  
}
```

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 #343977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343977  
}
```

Border

The CSS property to change the border of an element to Hex 343977 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  
#343977 }
```

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

```
.border{ border-color:#343977 }
```

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

Here you see how a box with a 4 pixel #343977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343977; -webkit-box-shadow:4px 4px  
4px 4px #343977; box-shadow:4px 4px 4px  
4px #343977 }
```

Background

The CSS property to change the background color of an element to Hex 343977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343977 }
```

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

```
.background{ background-color:#343977 }
```

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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