

Converting Colors

Hex(344865)

Have a look what the booklet for
Hex(344865) contains.

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Color

Hex(344865)

Conversions

Conversions Part 1

Format	Color
Hex	344865
RGB	52, 72, 101
RGB Percent	20%, 28%, 40%
CMY	0.7961, 0.7176, 0.6039
CMYK	0.49, 0.29, 0.00, 0.60
HSL	216°, 32%, 30%
HSV	216°, 49%, 40%
XYZ	6.0825, 6.3044, 13.2082
YIQ	69.3260, -21.2290, 4.7790

Conversions

Conversions Part 2

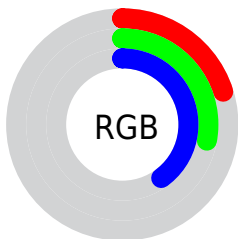
Format	Color
RYB	52, 66, 101
Decimal	3426405
CIELab	30.17, 1.00, -19.41
CIELCh	30, 19.431, 272.937
Yxy	6.3044, 0.2376, 0.2463
Android (android.graphics.Color)	4281616485 (0xFF344865)
YUV	69.3260, 15.6153, -15.1949
Hunter-Lab	25.1085, -0.6986, -13.6132

Details

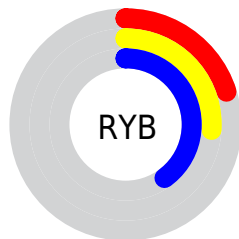
The Hex color **344865** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **655134**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **657898**, and **011D36** is the 20% darker color. If you saturate the color by 10%, you get **2A4265**, and if you desaturate by 10%, it is **3E4E65**.

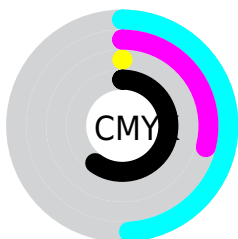
Distribution



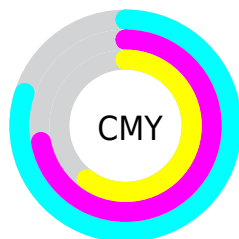
- Red (20%)
- Green (28%)
- Blue (40%)



- Red (20%)
- Yellow (26%)
- Blue (40%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344865 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 344865 by changing the saturation by 10% instead.

■ 344865

■ 344865

FFFFFF

■ 1C324D

■ 657898

■ 011D36

■ 7F92B3

■ 000221

■ 9AACCE

■ 000006

■ B5C8EB

■ 000000

■ D1E4FF

■ EDFFFF

■ 344865

■ 344865

■ 2A4265

■ 3E4E65

■ 203C65

■ 485465

■ 163665

■ 525A65

■ 0C3065

■ 5C6065

■ 022A65

■ 676665

■ 002965

■ 716C65

■ 7B7265

■ 857865

■ 8F7E65

Harmonies

Analogous

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



1B4C62



344865



4B4360

Triad

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



344865



643D37



2E4E39

Complementary

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



344865



655134

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.



404B2D



344865



5C412D

Square

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



344865



643B46



504729



1A4F48

Rectangle

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



344865



573F59



504729



344D34

Sweetspot

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



344865



6F7782



346551



363B42



C2C2C2



424242

Same Dimension

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



344865



375582



383465



2E3033



002F73



0063F2

Inverse Universe

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



653448



823755



616534



332E30



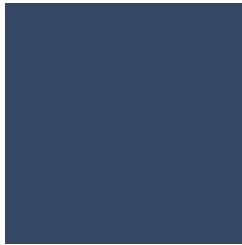
73002F



F20063

Previews

White Background



This preview shows how the Hex color 344865 looks on a white background.

Color Contrast Check

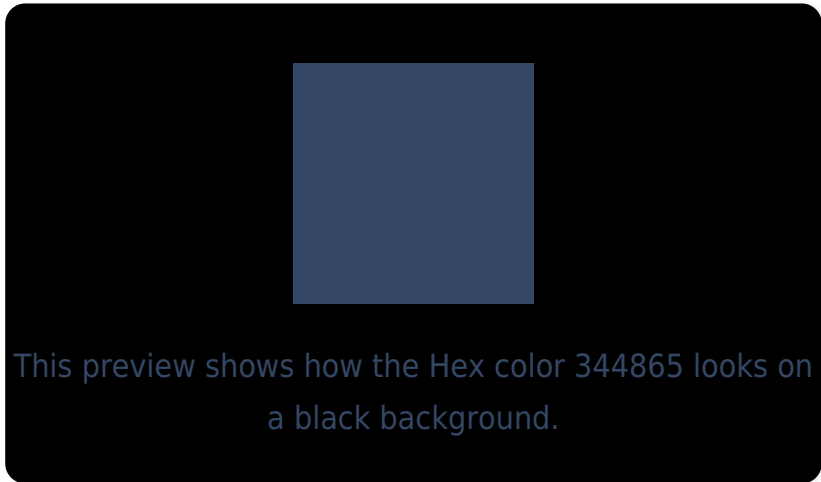
Large Text (above 18pt) WCAG AA ✓ Pass

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

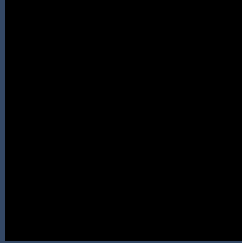
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

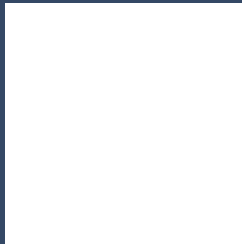
Any Text WCAG AAA × Fail

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

Hex 344865 Background



This preview shows how black text looks on a background with the Hex color 344865.

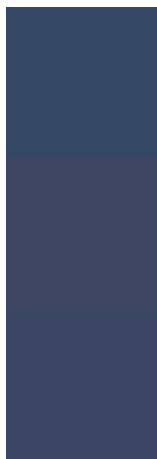


This preview shows how white text looks on a background with the Hex color 344865.

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

344865

Protanopia

3E4663

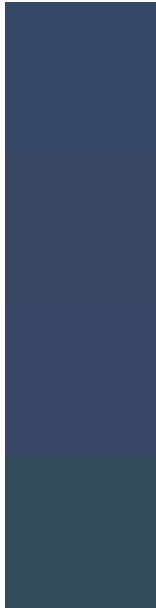
Deuteranopia

3B4665



Tritanopia
2E4C52

Trichromacy



Original Color

344865

Protanomaly

3A4764

Deuteranomaly

384765

Tritanomaly

304B59

Monochromacy



Original Color

344865

Achromatopsia

454545

Achromatomaly

3F4651

CSS Examples

Text

The CSS property to change the color of the text to Hex 344865 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 #344865 looks like.

```
.text, #text, p{  
    color:#344865  
}
```

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 #344865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344865  
}
```

Border

The CSS property to change the border of an element to Hex 344865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

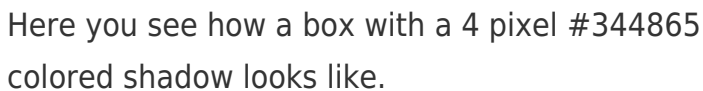
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#344865 }
```

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

```
.border{ border-color:#344865 }
```

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



Here you see how a box with a 4 pixel #344865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344865; -webkit-box-shadow:4px 4px  
4px 4px #344865; box-shadow:4px 4px 4px  
4px #344865 }
```

Background

The CSS property to change the background color of an element to Hex 344865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344865 }
```

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

```
.background{ background-color:#344865 }
```

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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