

Converting Colors

Hex(344049)

Have a look what the booklet for
Hex(344049) contains.

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Color

Hex(344049)

Conversions

Conversions Part 1

Format	Color
Hex	344049
RGB	52, 64, 73
RGB Percent	20%, 25%, 29%
CMY	0.7961, 0.7490, 0.7137
CMYK	0.29, 0.12, 0.00, 0.71
HSL	206°, 17%, 25%
HSV	206°, 29%, 29%
XYZ	4.4522, 4.8779, 7.0102
YIQ	61.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

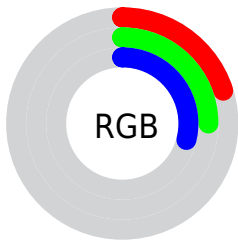
Format	Color
RYB	52, 60, 73
Decimal	3424329
CIELab	26.38, -2.45, -7.08
CIElCh	26, 7.495, 250.912
Yxy	4.8779, 0.2725, 0.2985
Android (android.graphics.Color)	4281614409 (0xFF344049)
YUV	61.4380, 5.7001, -8.2771
Hunter-Lab	22.0860, -2.6677, -3.3588

Details


The Hex color **344049** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493D34**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **63707A**, and **08161D** is the 20% darker color. If you saturate the color by 10%, you get **2D3D49**, and if you desaturate by 10%, it is **3B4349**.

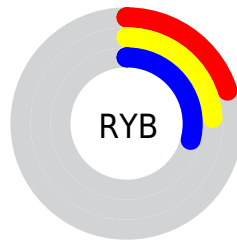
Distribution



 Red (20%)

 Green (25%)

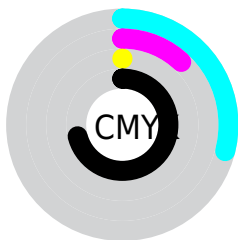
 Blue (29%)



 Red (20%)

 Yellow (24%)

 Blue (29%)

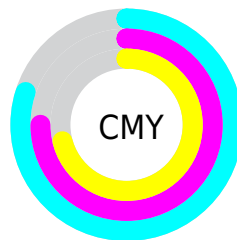


 Cyan (29%)

 Magenta (12%)

 Yellow (0%)

 Black (71%)



 Cyan (80%)

 Magenta (75%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344049 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 344049 by changing the saturation by 10% instead.

■ 344049

■ 344049

FFFFFF

■ 1E2A32

■ 63707A

■ 08161D

■ 7C8993

■ 000002

■ 96A3AE

■ 000000

■ B1BEC9

■ CCDAE5

■ E9F7FF

■ 344049

■ 344049

■ 2D3D49

■ 3B4349

■ 253A49

■ 434649

■ 1E3749

■ 4A4949

■ 173349

■ 514D49

■ 0F3049

■ 595049

■ 082D49

■ 605349

■ 012A49

■ 675649

■ 002A49

■ 6E5949

■ 765C49

Harmonies

Analogous

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



304146



344049



3B3E4A

Triad

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



344049



4A3A3C



3A4036

Complementary

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



344049



493D34

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.



413F33



344049



4A3B37

Square

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



344049



483B42



463D34



34413B

Rectangle

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



344049



403D48



463D34



3C4035

Sweetspot

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



344049



565B5E



34493D



2B2E30



B0B0B0



303030

Same Dimension

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



344049



3D505E



343649



202224



003963



0082E3

Inverse Universe

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



493440



5E3D50



494734



242022



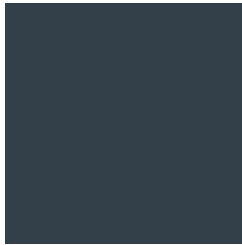
630039



E30082

Previews

White Background



This preview shows how the Hex color 344049 looks on a white background.

Color Contrast Check

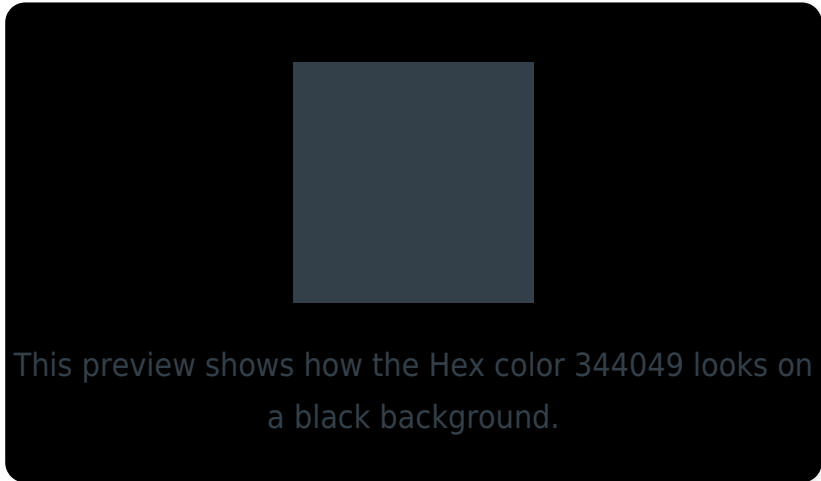
Large Text (above 18pt) WCAG AA ✓ Pass

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

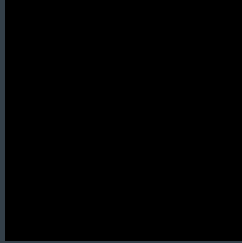
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

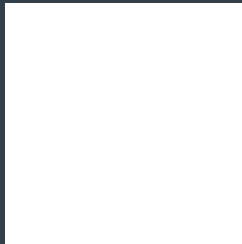
Any Text WCAG AAA × Fail

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

Hex 344049 Background



This preview shows how black text looks on a background with the Hex color 344049.



This preview shows how white text looks on a background with the Hex color 344049.

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

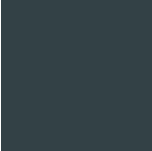
344049

Protanopia

3D3E48

Deuteranopia

3F3D4A



Tritanopia
334146

Trichromacy



Original Color

344049

Protanomaly

3A3F48

Deuteranomaly

3B3E4A

Tritanomaly

334147

Monochromacy



Original Color

344049

Achromatopsia

3D3D3D

Achromatomaly

3A3E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 344049 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 #344049 looks like.

```
.text, #text, p{  
    color:#344049  
}
```

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 #344049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344049
}
```

Border

The CSS property to change the border of an element to Hex 344049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

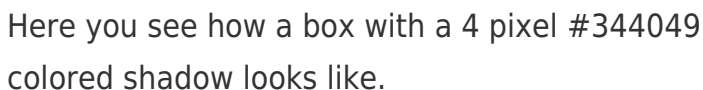
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344049 }
```

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

```
.border{ border-color:#344049 }
```

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



Here you see how a box with a 4 pixel #344049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344049; -webkit-box-shadow:4px 4px  
4px 4px #344049; box-shadow:4px 4px 4px  
4px #344049 }
```

Background

The CSS property to change the background color of an element to Hex 344049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344049 }
```

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

```
.background{ background-color:#344049 }
```

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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