

Converting Colors

Hex(344D3A)

Have a look what the booklet for
Hex(344D3A) contains.

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Color

Hex(344D3A)

Conversions

Conversions Part 1

Format	Color
Hex	344D3A
RGB	52, 77, 58
RGB Percent	20%, 30%, 23%
CMY	0.7961, 0.6980, 0.7725
CMYK	0.32, 0.00, 0.25, 0.70
HSL	134°, 19%, 25%
HSV	134°, 32%, 30%
XYZ	4.8338, 6.3433, 4.9726
YIQ	67.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

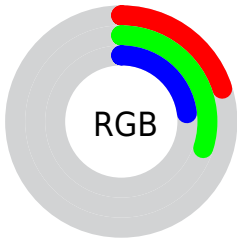
Format	Color
RYB	52, 72, 77
Decimal	3427642
CIELab	30.26, -14.16, 8.27
CIElCh	30, 16.400, 149.701
Yxy	6.3433, 0.2993, 0.3928
Android (android.graphics.Color)	4281617722 (0xFF344D3A)
YUV	67.3590, -4.6140, -13.4698
Hunter-Lab	25.1859, -9.8170, 5.9242

Details

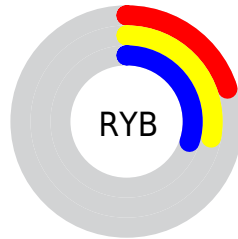
The Hex color **344D3A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D3447**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **637E69**, and **092110** is the 20% darker color. If you saturate the color by 10%, you get **2C4D34**, and if you desaturate by 10%, it is **3C4D40**.

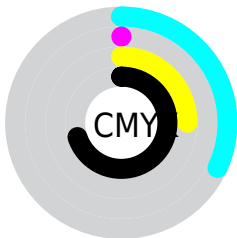
Distribution



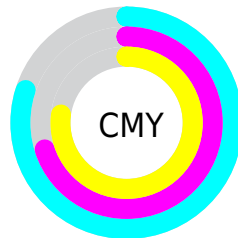
- Red (20%)
- Green (30%)
- Blue (23%)



- Red (20%)
- Yellow (28%)
- Blue (30%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)
- Black (70%)



- Cyan (80%)
- Magenta (70%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344D3A 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 344D3A by changing the saturation by 10% instead.

■ 344D3A

■ 344D3A

FFFFFF

■ 1E3624

■ 637E69

■ 092110

■ 7C9882

■ 000200

■ 96B39C

■ 000000

■ B1CEB7

■ CDEBD3

■ E9FFE9

■ 344D3A

■ 344D3A

■ 2C4D34

■ 3C4D40

■ 254D2E

■ 434D46

■ 1D4D28

■ 4B4D4C

■ 154D23

■ 534D51

■ 0E4D1D

■ 5A4D57

■ 064D17

■ 624D5D

■ 004D12

■ 6A4D63

■ 724D69

■ 794D6F

Harmonies

Analogous

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



434A31



344D3A



264E47

Triad

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



344D3A



364861



603F3B

Complementary

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



344D3A



4D3447

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.



5F3E48



344D3A



49445D

Square

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



344D3A



254C5D



574054



5B4232

Rectangle

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



344D3A



1F4E4F



574054



613E3F

Sweetspot

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



344D3A



5A635C



474D34



2D332E



B3B3B3



333333

Same Dimension

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



344D3A



3D6346



344D46



222623



006618



00E637

Inverse Universe

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



4D3447



633D5A



4D343B



262225



66004E



E600AE

Previews

White Background



This preview shows how the Hex color 344D3A looks on a white background.

Color Contrast Check

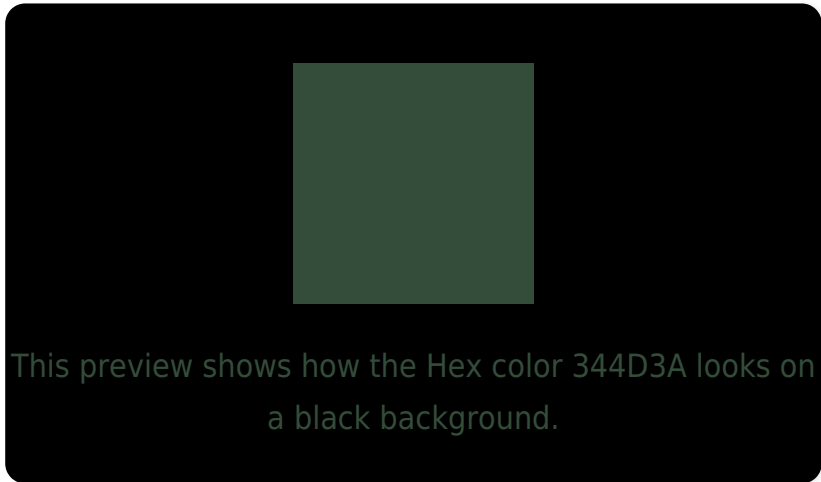
Large Text (above 18pt) WCAG AA ✓ Pass

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

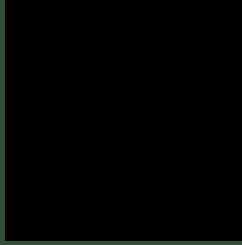
Any Text WCAG AA × Fail

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 344D3A Background



This preview shows how black text looks on a background with the Hex color 344D3A.



This preview shows how white text looks on a background with the Hex color 344D3A.

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
344D3A

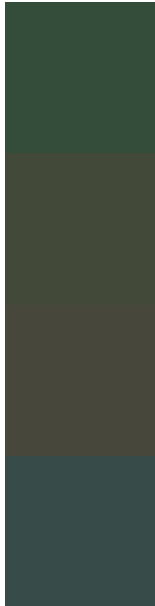
Protanopia
4C4737

Deuteranopia
52443C



Tritanopia
384A50

Trichromacy



Original Color

344D3A

Protanomaly

434938

Deuteranomaly

47473B

Tritanomaly

374B48

Monochromacy



Original Color

344D3A

Achromatopsia

434343

Achromatomaly

3E4740

CSS Examples

Text

The CSS property to change the color of the text to Hex 344D3A 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 #344D3A looks like.

```
.text, #text, p{  
    color:#344D3A  
}
```

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 #344D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344D3A
}
```

Border

The CSS property to change the border of an element to Hex 344D3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

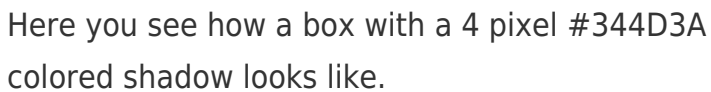
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344D3A }
```

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

```
.border{ border-color:#344D3A }
```

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



Here you see how a box with a 4 pixel #344D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344D3A; -webkit-box-shadow:4px 4px  
4px 4px #344D3A; box-shadow:4px 4px 4px  
4px #344D3A }
```

Background

The CSS property to change the background color of an element to Hex 344D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344D3A }
```

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

```
.background{ background-color:#344D3A }
```

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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