

Converting Colors

Hex(344E3B)

Have a look what the booklet for
Hex(344E3B) contains.

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Color

Hex(344E3B)

Conversions

Conversions Part 1

Format	Color
Hex	344E3B
RGB	52, 78, 59
RGB Percent	20%, 31%, 23%
CMY	0.7961, 0.6941, 0.7686
CMYK	0.33, 0.00, 0.24, 0.69
HSL	136°, 20%, 25%
HSV	136°, 33%, 31%
XYZ	4.9300, 6.4946, 5.1314
YIQ	68.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

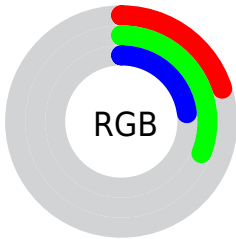
Format	Color
RYB	52, 72, 78
Decimal	3427899
CIELab	30.63, -14.51, 8.15
CIELCh	31, 16.644, 150.680
Yxy	6.4946, 0.2978, 0.3923
Android (android.graphics.Color)	4281617979 (0xFF344E3B)
YUV	68.0600, -4.4666, -14.0846
Hunter-Lab	25.4845, -10.0671, 5.9009

Details

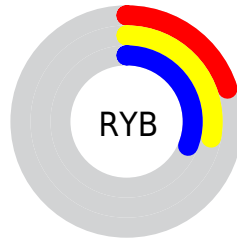
The Hex color **344E3B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E3447**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **637F6A**, and **092111** is the 20% darker color. If you saturate the color by 10%, you get **2C4E35**, and if you desaturate by 10%, it is **3C4E41**.

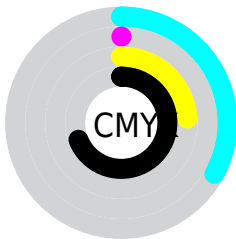
Distribution



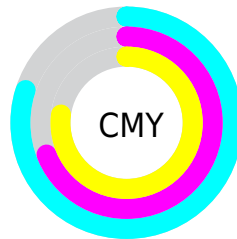
- Red (20%)
- Green (31%)
- Blue (23%)



- Red (20%)
- Yellow (28%)
- Blue (31%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (69%)



- Cyan (80%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344E3B 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 344E3B by changing the saturation by 10% instead.

■ 344E3B

■ 344E3B

FFFFFF

■ 1E3725

■ 637F6A

■ 092111

■ 7D9983

■ 000400

■ 97B49E

■ 000000

■ B1D0B8

■ CDECD4

■ E9FFF0

■ 344E3B

■ 344E3B

■ 2C4E35

■ 3C4E41

■ 244E30

■ 444E46

■ 1D4E2A

■ 4B4E4C

■ 154E24

■ 534E52

■ 0D4E1F

■ 5B4E58

■ 054E19

■ 634E5D

■ 004E15

■ 6B4E63

■ 724E69

■ 7A4E6E

Harmonies

Analogous

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



434B31



344E3B



264F48

Triad

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



344E3B



374962



623F3B

Complementary

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



344E3B



4E3447

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.



613E48



344E3B



4A455E

Square

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



344E3B



254D5E



594055



5C4332

Rectangle

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



344E3B



1F4F51



594055



623F40

Sweetspot

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



344E3B



5C665F



474E34



2D332F



B3B3B3



333333

Same Dimension

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



344E3B



3D6648



344E48



222623



00661B



00E63E

Inverse Universe

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



4E3447



663D5B



4E343A



262225



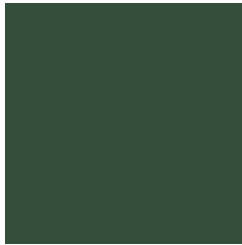
66004B



E600A8

Previews

White Background



This preview shows how the Hex color 344E3B looks on a white background.

Color Contrast Check

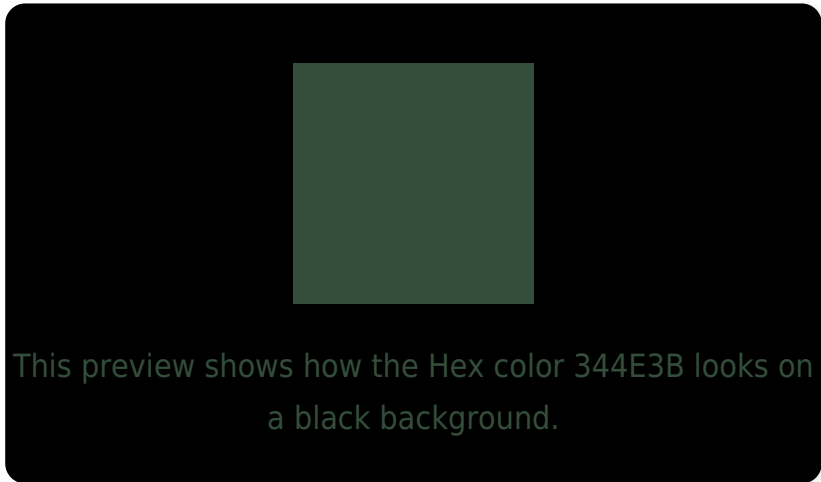
Large Text (above 18pt) WCAG AA ✓ Pass

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

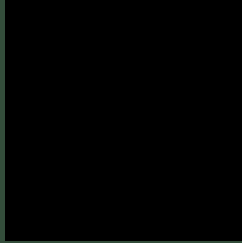
Any Text WCAG AA × Fail

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 344E3B Background



This preview shows how black text looks on a background with the Hex color 344E3B.



This preview shows how white text looks on a background with the Hex color 344E3B.

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

344E3B

Protanopia

4D4838

Deuteranopia

53453D



Tritanopia
384B51

Trichromacy



Original Color

344E3B

Protanomaly

444A39

Deuteranomaly

48483C

Tritanomaly

374C49

Monochromacy



Original Color

344E3B

Achromatopsia

444444

Achromatomaly

3E4841

CSS Examples

Text

The CSS property to change the color of the text to Hex 344E3B 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 #344E3B looks like.

```
.text, #text, p{  
    color:#344E3B  
}
```

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 #344E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344E3B
}
```

Border

The CSS property to change the border of an element to Hex 344E3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

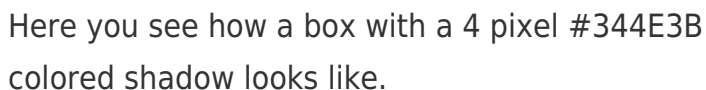
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344E3B }
```

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

```
.border{ border-color:#344E3B }
```

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



Here you see how a box with a 4 pixel `#344E3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344E3B; -webkit-box-shadow:4px 4px  
4px 4px #344E3B; box-shadow:4px 4px 4px  
4px #344E3B }
```

Background

The CSS property to change the background color of an element to Hex 344E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344E3B }
```

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

```
.background{ background-color:#344E3B }
```

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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