

Converting Colors

Hex(344E51)

Have a look what the booklet for
Hex(344E51) contains.

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Color

Hex(344E51)

Conversions

Conversions Part 1

Format	Color
Hex	344E51
RGB	52, 78, 81
RGB Percent	20%, 31%, 32%
CMY	0.7961, 0.6941, 0.6824
CMYK	0.36, 0.04, 0.00, 0.68
HSL	186°, 22%, 26%
HSV	186°, 36%, 32%
XYZ	5.6258, 6.7729, 8.7954
YIQ	70.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

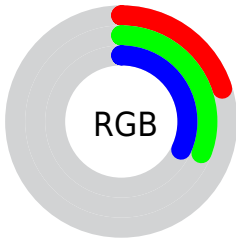
Format	Color
R_{YB}	52, 66, 81
Decimal	3427921
CIE _{Lab}	31.28, -8.95, -4.93
CIE _{LCh}	31, 10.222, 208.844
Yxy	6.7729, 0.2654, 0.3196
Android (android.graphics.Color)	4281618001 (0xFF344E51)
YUV	70.5680, 5.1430, -16.2841
Hunter-Lab	26.0248, -6.9573, -1.8203

Details

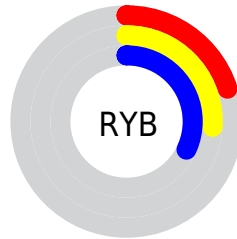
The Hex color **344E51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **513734**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **647F82**, and **072225** is the 20% darker color. If you saturate the color by 10%, you get **2C4D51**, and if you desaturate by 10%, it is **3C4F51**.

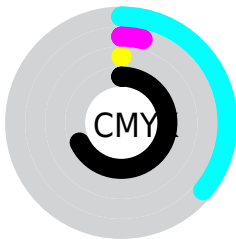
Distribution



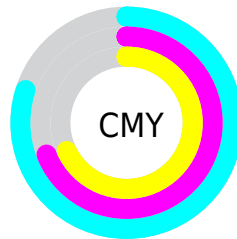
- Red (20%)
- Green (31%)
- Blue (32%)



- Red (20%)
- Yellow (26%)
- Blue (32%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (68%)



- Cyan (80%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344E51 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 344E51 by changing the saturation by 10% instead.

■ 344E51

■ 344E51

FFFFFF

■ 1D373A

■ 647F82

■ 072225

■ 7D999C

■ 000910

■ 97B4B7

■ 000000

■ B2CFD3

■ CEECEF

■ EAFFFF

■ 344E51

■ 344E51

■ 2C4D51

■ 3C4F51

■ 244C51

■ 445051

■ 1C4B51

■ 4C5151

■ 144B51

■ 545151

■ 0B4A51

■ 5D5251

■ 034951

■ 655351

■ 004951

■ 6D5451

■ 755551

■ 7D5651

Harmonies

Analogous

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



374E49



344E51



374D57

Triad

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



344E51



544552



50493A

Complementary

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



344E51



513734

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.



57463C



344E51



59444A

Square

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



344E51



4B4858



5A4442



474B3C

Rectangle

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



344E51



3D4B59



5A4442



53483A

Sweetspot

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



344E51



5D6769



345137



2F3536



B5B5B5



363636

Same Dimension

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



344E51



3C6469



344051



252829



005E69



00D0E8

Inverse Universe

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



51344E



693C64



514534



292528



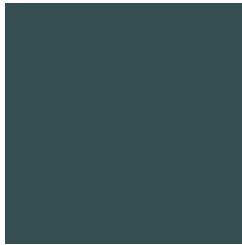
69005E



E800D0

Previews

White Background



This preview shows how the Hex color 344E51 looks on a white background.

Color Contrast Check

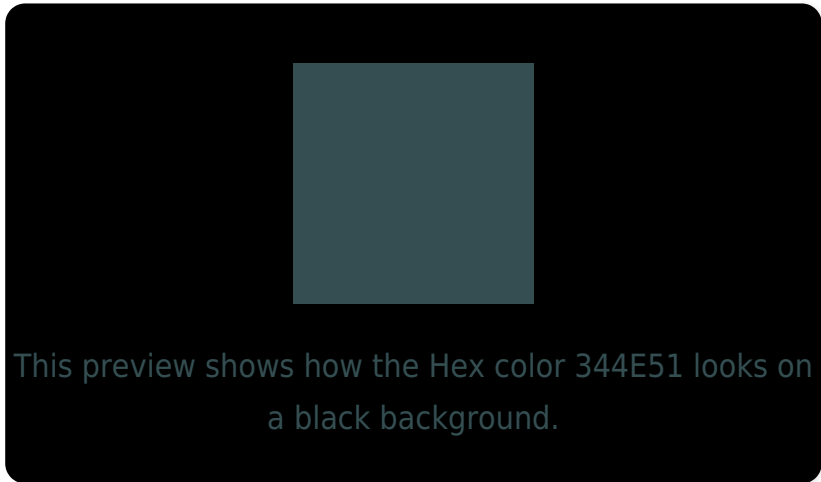
Large Text (above 18pt) WCAG AA ✓ Pass

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

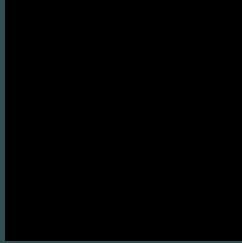
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

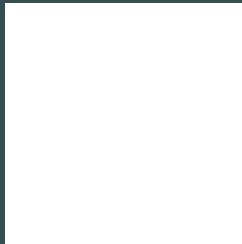
Any Text WCAG AAA × Fail

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

Hex 344E51 Background



This preview shows how black text looks on a background with the Hex color 344E51.



This preview shows how white text looks on a background with the Hex color 344E51.

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](#).

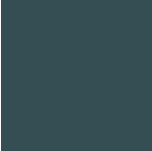
Dichromacy



Original Color
344E51

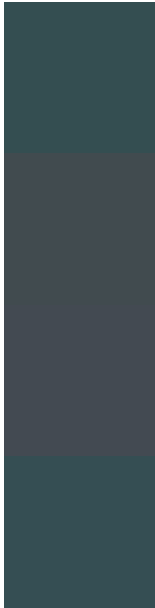
Protanopia
49494E

Deuteranopia
4C4752



Tritanopia
354E54

Trichromacy



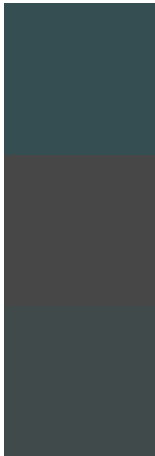
Original Color
344E51

Protanomaly
414B4F

Deuteranomaly
434A52

Tritanomaly
354E53

Monochromacy



Original Color
344E51

Achromatopsia
474747

Achromatomaly
404A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 344E51 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 #344E51 looks like.

```
.text, #text, p{  
    color:#344E51  
}
```

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 #344E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344E51  
}
```

Border

The CSS property to change the border of an element to Hex 344E51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

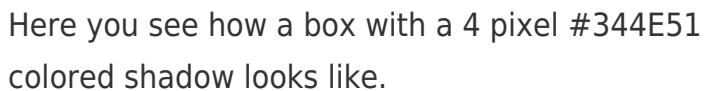
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#344E51 }
```

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

```
.border{ border-color:#344E51 }
```

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



Here you see how a box with a 4 pixel #344E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344E51; -webkit-box-shadow:4px 4px  
4px 4px #344E51; box-shadow:4px 4px 4px  
4px #344E51 }
```

Background

The CSS property to change the background color of an element to Hex 344E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344E51 }
```

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

```
.background{ background-color:#344E51 }
```

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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