

Converting Colors

Hex(344C4E)

Have a look what the booklet for
Hex(344C4E) contains.

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Color

Hex(344C4E)

Conversions

Conversions Part 1

Format	Color
Hex	344C4E
RGB	52, 76, 78
RGB Percent	20%, 30%, 31%
CMY	0.7961, 0.7020, 0.6941
CMYK	0.33, 0.03, 0.00, 0.69
HSL	185°, 20%, 25%
HSV	185°, 33%, 31%
XYZ	5.3758, 6.4490, 8.1692
YIQ	69.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

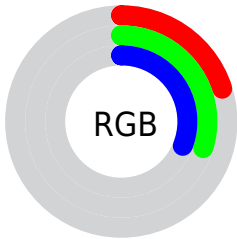
Format	Color
RYB	52, 64, 78
Decimal	3427406
CIELab	30.52, -8.58, -4.15
CIELCh	31, 9.532, 205.807
Yxy	6.4490, 0.2689, 0.3225
Android (android.graphics.Color)	4281617486 (0xFF344C4E)
YUV	69.0520, 4.4114, -14.9546
Hunter-Lab	25.3949, -6.6550, -1.2963

Details

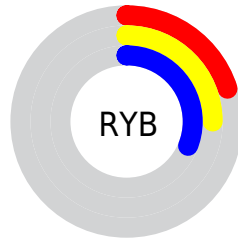
The Hex color **344C4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E3634**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **647D7F**, and **082022** is the 20% darker color. If you saturate the color by 10%, you get **2C4B4E**, and if you desaturate by 10%, it is **3C4D4E**.

Distribution



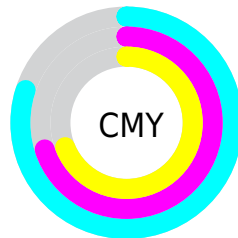
- Red (20%)
- Green (30%)
- Blue (31%)



- Red (20%)
- Yellow (25%)
- Blue (31%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344C4E 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 344C4E by changing the saturation by 10% instead.

■ 344C4E

■ 344C4E

FFFFFF

■ 1E3537

■ 647D7F

■ 082022

■ 7D9799

■ 00040C

■ 97B1B4

■ 000000

■ B2CDCF

■ CEE9EB

■ EAFFFF

■ 344C4E

■ 344C4E

■ 2C4B4E

■ 3C4D4E

■ 244B4E

■ 444D4E

■ 1D4A4E

■ 4B4E4E

■ 154A4E

■ 534E4E

■ 0D494E

■ 5B4F4E

■ 05484E

■ 63504E

■ 00484E

■ 6B504E

■ 72514E

■ 7A514E

Harmonies

Analogous

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



374C46



344C4E



374B54

Triad

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



344C4E



514450



4F4739

Complementary

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



344C4E



4E3634

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.



55453C



344C4E



564349

Square

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



344C4E



484655



574342



47493A

Rectangle

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



344C4E



3B4A56



574342



51463A

Sweetspot

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



344C4E



5C6566



344E36



2D3333



B3B3B3



333333

Same Dimension

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



344C4E



3D6366



343F4E



222626



005E66



00D4E6

Inverse Universe

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



4E344C



663D63



4E4334



262226



66005E



E600D4

Previews

White Background



This preview shows how the Hex color 344C4E looks on a white background.

Color Contrast Check

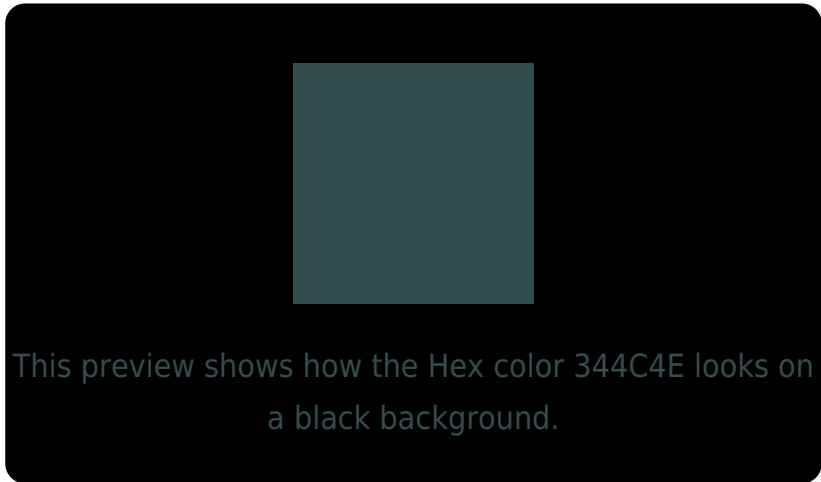
Large Text (above 18pt) WCAG AA ✓ Pass

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

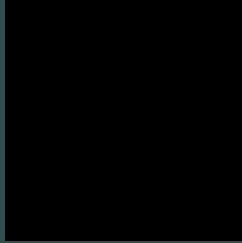
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

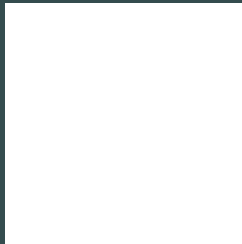
Any Text WCAG AAA × Fail

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

Hex 344C4E Background



This preview shows how black text looks on a background with the Hex color 344C4E.



This preview shows how white text looks on a background with the Hex color 344C4E.

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
344C4E

Protanopia
48474B

Deuteranopia
4B464F



Tritanopia
354B52

Trichromacy



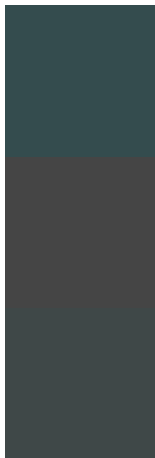
Original Color
344C4E

Protanomaly
41494C

Deuteranomaly
43484F

Tritanomaly
354B51

Monochromacy



Original Color
344C4E

Achromatopsia
454545

Achromatomaly
3F4848

CSS Examples

Text

The CSS property to change the color of the text to Hex 344C4E 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 #344C4E looks like.

```
.text, #text, p{  
    color:#344C4E  
}
```

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 #344C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344C4E
}
```

Border

The CSS property to change the border of an element to Hex 344C4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

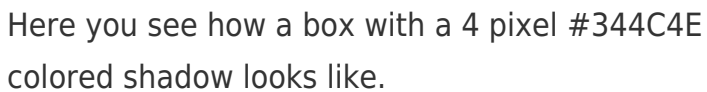
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344C4E }
```

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

```
.border{ border-color:#344C4E }
```

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



Here you see how a box with a 4 pixel #344C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344C4E; -webkit-box-shadow:4px 4px  
4px 4px #344C4E; box-shadow:4px 4px 4px  
4px #344C4E }
```

Background

The CSS property to change the background color of an element to Hex 344C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344C4E }
```

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

```
.background{ background-color:#344C4E }
```

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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