

Converting Colors

Hex(34304E)

Have a look what the booklet for
Hex(34304E) contains.

Hex(34304E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34304E)

Conversions

Conversions Part 1

Format	Color
Hex	34304E
RGB	52, 48, 78
RGB Percent	20%, 19%, 31%
CMY	0.7961, 0.8118, 0.6941
CMYK	0.33, 0.38, 0.00, 0.69
HSL	248°, 24%, 25%
HSV	248°, 38%, 31%
XYZ	3.8483, 3.3940, 7.6600
YIQ	52.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

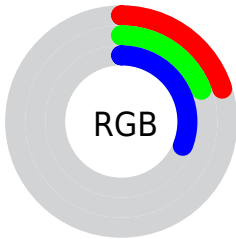
Format	Color
R_{YB}	52, 48, 78
Decimal	3420238
CIE Lab	21.56, 9.80, -17.81
CIE LCh	22, 20.329, 298.835
Yxy	3.3940, 0.2582, 0.2278
Android (android.graphics.Color)	4281610318 (0xFF34304E)
YUV	52.6160, 12.5143, -0.5402
Hunter-Lab	18.4229, 5.0460, -11.7560

Details

The Hex color **34304E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A4E30**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **635E7F**, and **090022** is the 20% darker color. If you saturate the color by 10%, you get **2D284E**, and if you desaturate by 10%, it is **3B384E**.

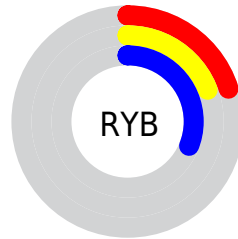
Distribution



Red (20%)

Green (19%)

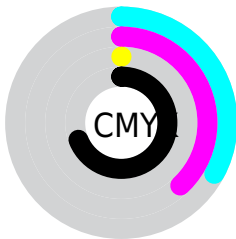
Blue (31%)



Red (20%)

Yellow (19%)

Blue (31%)

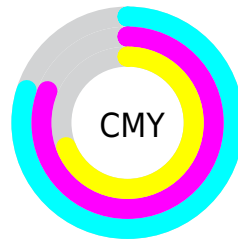


Cyan (33%)

Magenta (38%)

Yellow (0%)

Black (69%)



Cyan (80%)

Magenta (81%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34304E 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 34304E by changing the saturation by 10% instead.

■ 34304E

■ 34304E

FFFFFF

■ 1E1B37

■ 635E7F

■ 090022

■ 7D7799

■ 000008

■ 9790B4

■ 000000

■ B2ABD0

■ CDC6EC

■ EAE2FF

■ 34304E

■ 34304E

■ 2D284E

■ 3B384E

■ 26204E

■ 42404E

■ 20194E

■ 48474E

■ 19114E

■ 4F4F4E

■ 12094E

■ 56574E

■ 0B014E

■ 5D5F4E

■ 0A004E

■ 63674E

■ 6A6E4E

■ 71764E

Harmonies

Analogous

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



193552



34304E



462A43

Triad

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



34304E



492D1A



003B33

Complementary

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



34304E



4A4E30

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.



1C3A24



34304E



3D3315

Square

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



34304E



502926



2E3719



003B42

Rectangle

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



34304E



4D283A



2E3719



0A3B2D

Sweetspot

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



34304E



5B5A66



304A4E



2D2C33



B3B3B3



333333

Same Dimension

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



34304E



3D3766



43304E



232226



0E0066



1F00E6

Inverse Universe

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



4E304A



663760



3B4E30



262226



660058



E600C7

Previews

White Background



This preview shows how the Hex color 34304E looks on a white background.

Color Contrast Check

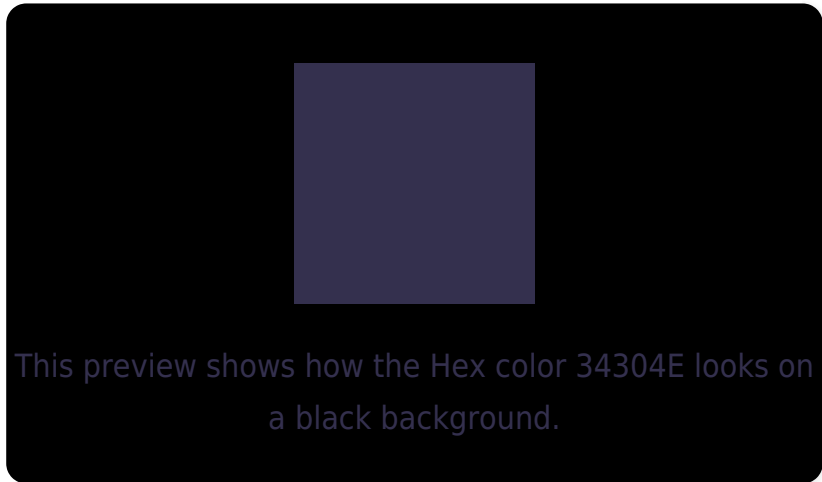
Large Text (above 18pt) WCAG AA ✓ Pass

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

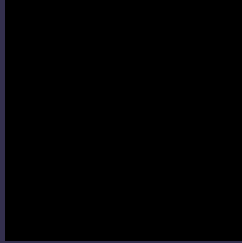
Any Text WCAG AA × Fail

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 34304E Background



This preview shows how black text looks on a background with the Hex color 34304E.



This preview shows how white text looks on a background with the Hex color 34304E.

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](#).

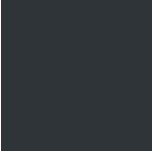
Dichromacy



Original Color
34304E

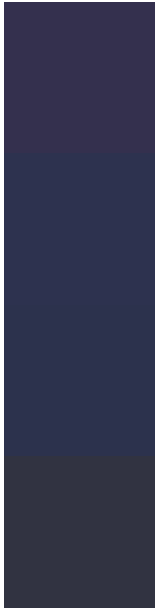
Protanopia
293350

Deuteranopia
28334D



Tritanopia
2F3439

Trichromacy



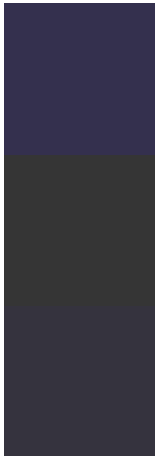
Original Color
34304E

Protanomaly
2D324F

Deuteranomaly
2C324D

Tritanomaly
313341

Monochromacy



Original Color
34304E

Achromatopsia
353535

Achromatomaly
35333E

CSS Examples

Text

The CSS property to change the color of the text to Hex 34304E 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 #34304E looks like.

```
.text, #text, p{  
    color:#34304E  
}
```

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 #34304E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34304E
}
```

Border

The CSS property to change the border of an element to Hex 34304E is called "border". The border property can be set on classes, ids or directly on the HTML element.

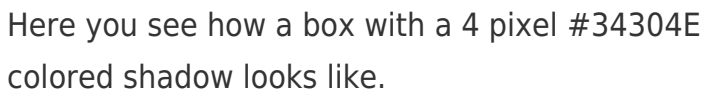
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34304E }
```

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

```
.border{ border-color:#34304E }
```

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



Here you see how a box with a 4 pixel #34304E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34304E; -webkit-box-shadow:4px 4px  
4px 4px #34304E; box-shadow:4px 4px 4px  
4px #34304E }
```

Background

The CSS property to change the background color of an element to Hex 34304E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34304E }
```

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

```
.background{ background-color:#34304E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor