

# Converting Colors

Hex(34304B)

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

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# Color

**Hex(34304B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34304B
RGB	52, 48, 75
RGB Percent	20%, 19%, 29%
CMY	0.7961, 0.8118, 0.7059
CMYK	0.31, 0.36, 0.00, 0.71
HSL	249°, 22%, 24%
HSV	249°, 36%, 29%
XYZ	3.7431, 3.3520, 7.1063
YIQ	52.2740, -6.2830, 9.2450

# Conversions

## Conversions Part 2

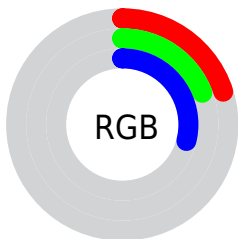
Format	Color
<b>R<sub>Y</sub>B</b>	52, 48, 75
Decimal	3420235
CIE Lab	21.40, 8.90, -16.04
CIE LCh	21, 18.341, 299.021
Yxy	3.3520, 0.2636, 0.2360
Android (android.graphics.Color)	4281610315 (0xFF34304B)
YUV	52.2740, 11.2039, -0.2403
Hunter-Lab	18.3084, 4.4544, -10.1973

# Details


The Hex color **34304B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **474B30**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **635E7C**, and **09001F** is the 20% darker color. If you saturate the color by 10%, you get **2E294B**, and if you desaturate by 10%, it is **3A384B**.

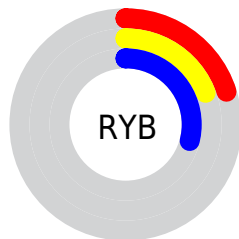
# Distribution



 Red (20%)

 Green (19%)

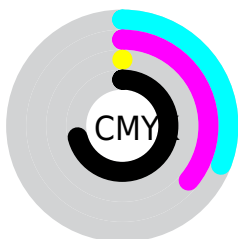
 Blue (29%)





 Red (20%)

 Yellow (19%)

 Blue (29%)

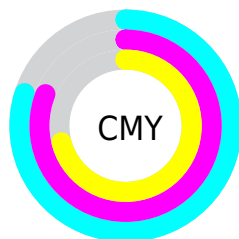


 Cyan (31%)


 Magenta (36%)

 Yellow (0%)

 Black (71%)



 Cyan (80%)

 Magenta (81%)

 Yellow (71%)

# Brightness & Saturation Gradients

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



■ 34304B

■ 34304B

FFFFFF

■ 1E1B34

■ 635E7C

■ 09001F

■ 7C7796

■ 000003

■ 9690B1

■ 000000

■ B1ABCC

■ CDC6E8

■ E9E2FF

■ 34304B

■ 34304B

■ 2E294B

■ 3A384B

■ 27214B

■ 413F4B

■ 21194B

■ 47474B

■ 1A124B

■ 4E4E4B

■ 140B4B

■ 54564B

■ 0E034B

■ 5A5D4B

■ 0B004B

■ 61654B

■ 676C4B

■ 6E744B

# Harmonies

## Analogous

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



1D354E



34304B



442B41

# Triad

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



34304B



472E1C



083A32

# Complementary

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



34304B



474B30

# 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.



1E3925



34304B



3C3218

# Square

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



34304B



4D2A27



2E361B



003A40

# Rectangle

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



34304B



4A2939



2E361B



113A2E



# Sweetspot

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



34304B



585661



30474B



2B2A30



B0B0B0



303030



# Same Dimension

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



34304B



3D3761



41304B



232226



0F0066



2200E6



# Inverse Universe

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



4B3047



61375B



3A4B30



262226



660057



E600C4



# Previews

## White Background



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

## Color Contrast Check

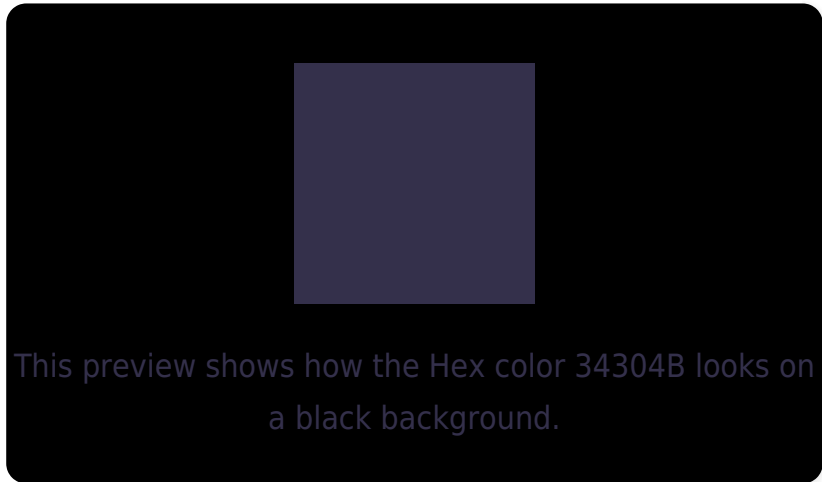
Large Text (above 18pt) WCAG AA ✓ Pass

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

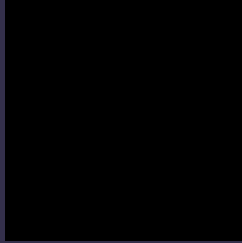
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34304B Background



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



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

# 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](#).

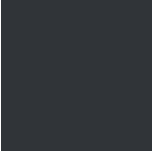
## Dichromacy



**Original Color**  
34304B

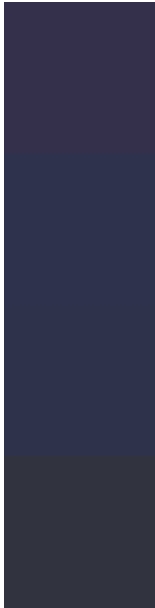
**Protanopia**  
2A334D

**Deuteranopia**  
2A334A



**Tritanopia**  
303438

# Trichromacy



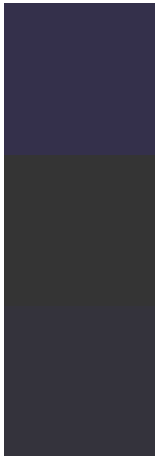
**Original Color**  
34304B

**Protanomaly**  
2E324C

**Deuteranomaly**  
2E324A

**Tritanomaly**  
31333F

# Monochromacy



**Original Color**  
34304B

**Achromatopsia**  
343434

**Achromatomaly**  
34333C

# CSS Examples

## Text

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

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

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 #34304B colored shadow looks like.

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

## Border

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

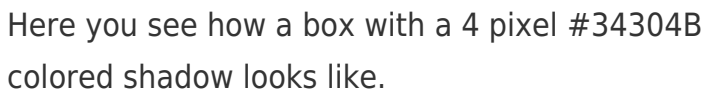
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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