

# Converting Colors

Hex(34454B)

Have a look what the booklet for  
Hex(34454B) contains.

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# Color

**Hex(34454B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	34454B
RGB	52, 69, 75
RGB Percent	20%, 27%, 29%
CMY	0.7961, 0.7294, 0.7059
CMYK	0.31, 0.08, 0.00, 0.71
HSL	196°, 18%, 25%
HSV	196°, 31%, 29%
XYZ	4.8143, 5.4943, 7.4634
YIQ	64.6010, -12.0580, -1.7380

# Conversions

## Conversions Part 2

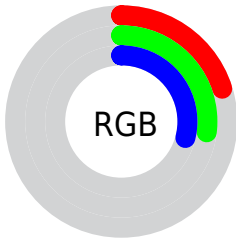
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 62, 75
Decimal	3425611
CIE Lab	28.10, -5.08, -5.82
CIE LCh	28, 7.726, 228.853
Yxy	5.4943, 0.2709, 0.3092
Android (android.graphics.Color)	4281615691 (0xFF34454B)
YUV	64.6010, 5.1267, -11.0511
Hunter-Lab	23.4399, -4.3580, -2.4702

# Details

The Hex color **34454B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B3A34**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **63757C**, and **091A1F** is the 20% darker color. If you saturate the color by 10%, you get **2D434B**, and if you desaturate by 10%, it is **3B474B**.

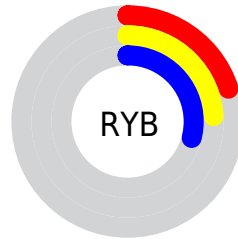
# Distribution



Red (20%)

Green (27%)

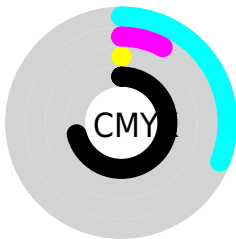
Blue (29%)



Red (20%)

Yellow (24%)

Blue (29%)

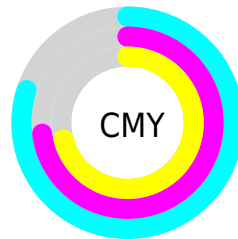


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (73%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34454B 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 34454B by changing the saturation by 10% instead.



■ 34454B

■ 34454B

FFFFFF

■ 1E2F34

■ 63757C

■ 091A1F

■ 7C8F96

■ 000006

■ 96A9B0

■ 000000

■ B1C4CC

■ CDE0E8

■ E9FDFF

■ 34454B

■ 34454B

■ 2D434B

■ 3B474B

■ 25414B

■ 43494B

■ 1D3F4B

■ 4B4B4B

■ 163D4B

■ 524D4B

■ 0E3B4B

■ 5A4F4B

■ 07394B

■ 61514B

■ 00374B

■ 69534B

■ 70554B

■ 78574B

# Harmonies

## Analogous

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



334646



34454B



39434E

# Triad

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



34454B



4D3E45



434337

# Complementary

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



34454B



4B3A34

# 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.



494137



34454B



4F3E3F

# Square

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



34454B



48404A



4E3F3A



3C453A

# Rectangle

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



34454B



3E424E



4E3F3A



454237



# Sweetspot

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



34454B



585F61



344B3A



2B2F30



B0B0B0



303030



# Same Dimension

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



34454B



3D5861



343A4B



222526



004B66



00AAE6



# Inverse Universe

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



4B3445



613D58



4B4534



262225



66004B

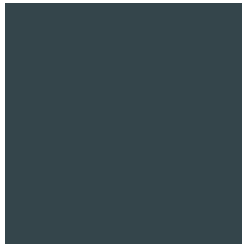


E600AA



# Previews

## White Background



This preview shows how the Hex color 34454B looks on a white background.

## Color Contrast Check

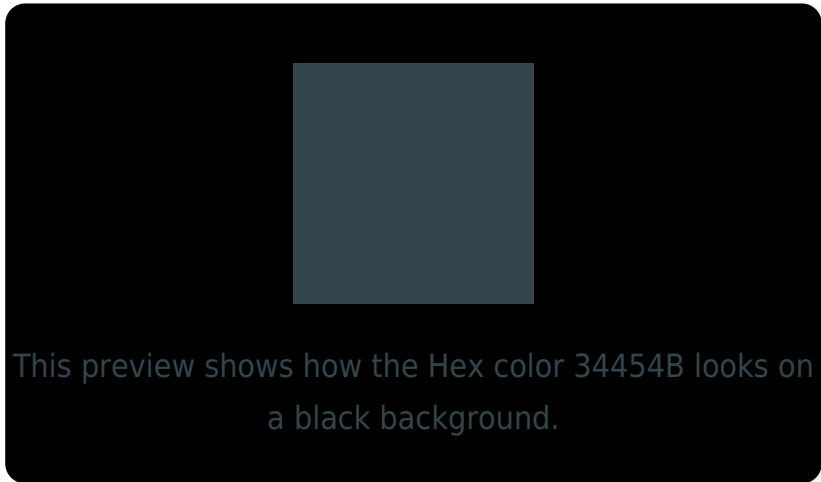
Large Text (above 18pt) WCAG AA ✓ Pass

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

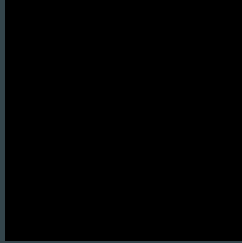
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34454B Background



This preview shows how black text looks on a background with the Hex color 34454B.



This preview shows how white text looks on a background with the Hex color 34454B.

# 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**

34454B

**Protanopia**

414249

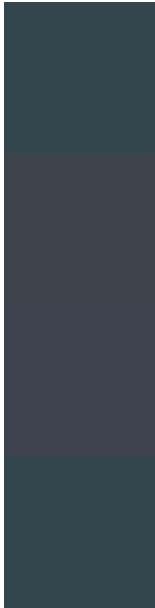
**Deuteranopia**

44404C



**Tritanopia**  
34454B

# Trichromacy



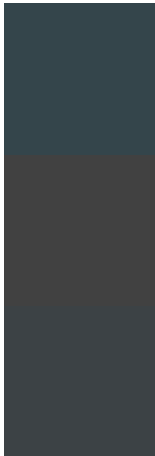
**Original Color**  
34454B

**Protanomaly**  
3C434A

**Deuteranomaly**  
3E424C

**Tritanomaly**  
34454B

# Monochromacy



**Original Color**  
34454B

**Achromatopsia**  
414141

**Achromatomaly**  
3C4245

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34454B 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 #34454B looks like.

```
.text, #text, p{  
    color:#34454B  
}
```

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 #34454B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34454B
}
```

## Border

The CSS property to change the border of an element to Hex 34454B is called "border". The border property can be set on classes, ids or directly on the HTML element.

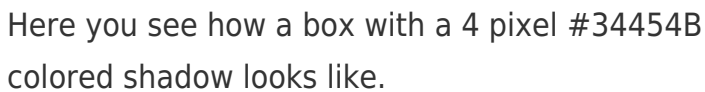
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34454B }
```

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

```
.border{ border-color:#34454B }
```

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



Here you see how a box with a 4 pixel #34454B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34454B; -webkit-box-shadow:4px 4px  
4px 4px #34454B; box-shadow:4px 4px 4px  
4px #34454B }
```

# Background

The CSS property to change the background color of an element to Hex 34454B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34454B }
```

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

```
.background{ background-color:#34454B }
```

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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