

Converting Colors

Hex(34454C)

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

Hex(34454C)	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(34454C)

Conversions

Conversions Part 1

Format	Color
Hex	34454C
RGB	52, 69, 76
RGB Percent	20%, 27%, 30%
CMY	0.7961, 0.7294, 0.7020
CMYK	0.32, 0.09, 0.00, 0.70
HSL	198°, 19%, 25%
HSV	198°, 32%, 30%
XYZ	4.8488, 5.5081, 7.6451
YIQ	64.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

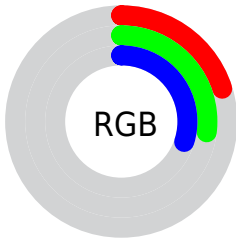
Format	Color
RYB	52, 62, 76
Decimal	3425612
CIELab	28.14, -4.80, -6.41
CIElCh	28, 8.011, 233.177
Yxy	5.5081, 0.2693, 0.3060
Android (android.graphics.Color)	4281615692 (0xFF34454C)
YUV	64.7150, 5.5635, -11.1511
Hunter-Lab	23.4694, -4.1930, -2.8850

Details

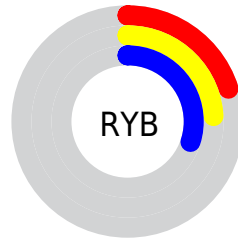
The Hex color **34454C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3B34**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **63757D**, and **081A20** is the 20% darker color. If you saturate the color by 10%, you get **2C434C**, and if you desaturate by 10%, it is **3C474C**.

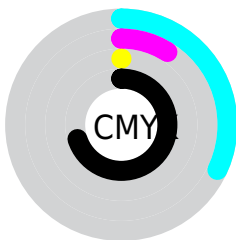
Distribution



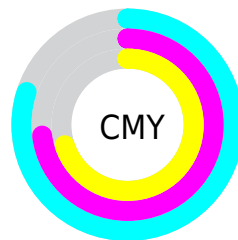
- Red (20%)
- Green (27%)
- Blue (30%)



- Red (20%)
- Yellow (24%)
- Blue (30%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (70%)



- Cyan (80%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

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

■ 34454C

■ 34454C

FFFFFF

■ 1E2F35

■ 63757D

■ 081A20

■ 7C8F97

■ 000008

■ 96A9B1

■ 000000

■ B1C4CD

■ CDE0E9

■ E9FDFF

■ 34454C

■ 34454C

■ 2C434C

■ 3C474C

■ 25414C

■ 43494C

■ 1D3E4C

■ 4B4C4C

■ 163C4C

■ 524E4C

■ 0E3A4C

■ 5A504C

■ 06384C

■ 62524C

■ 00364C

■ 69554C

■ 71574C

■ 78594C

Harmonies

Analogous

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



324647



34454C



3A434E

Triad

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



34454C



4E3E44



424337

Complementary

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



34454C



4C3B34

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.



494136



34454C



4F3E3E

Square

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



34454C



493F4A



4D4039



3B453B

Rectangle

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



34454C



3F424E



4D4039



444336

Sweetspot

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



34454C



5A6163



344C3B



2D3133



B3B3B3



333333

Same Dimension

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



34454C



3E5863



34394C



222526



004866



00A3E6

Inverse Universe

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



4C3445



633E58



4C4734



262225



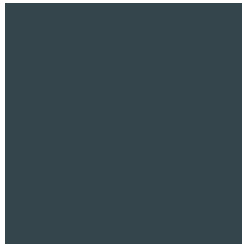
660048



E600A3

Previews

White Background



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

Color Contrast Check

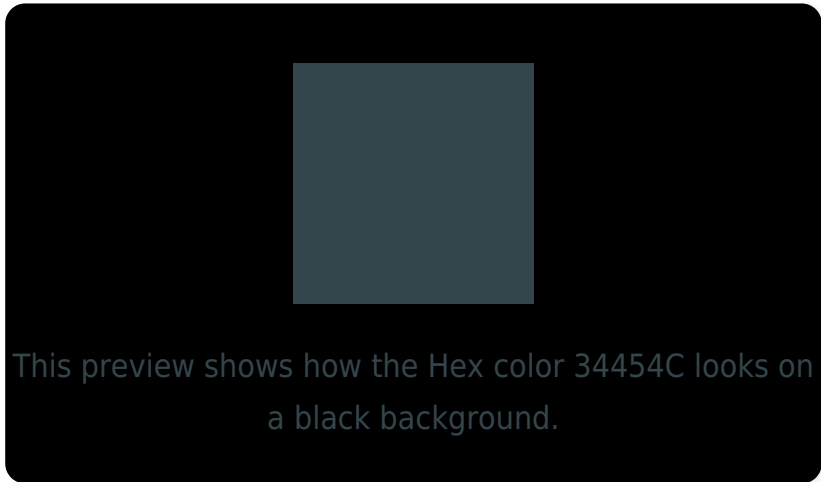
Large Text (above 18pt) WCAG AA ✓ Pass

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

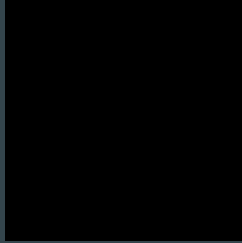
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

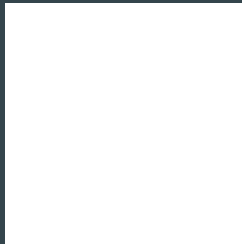
Any Text WCAG AAA × Fail

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

Hex 34454C Background



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



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

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
34454C

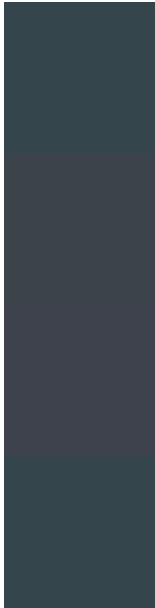
Protanopia
41424A

Deuteranopia
44414D



Tritanopia
34454B

Trichromacy



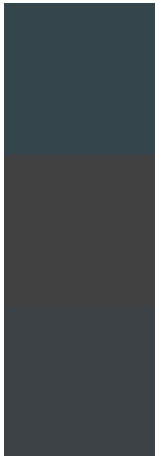
Original Color
34454C

Protanomaly
3C434B

Deuteranomaly
3E424D

Tritanomaly
34454B

Monochromacy



Original Color
34454C

Achromatopsia
414141

Achromatomaly
3C4245

CSS Examples

Text

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

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

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 #34454C colored shadow looks like.

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

Border

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

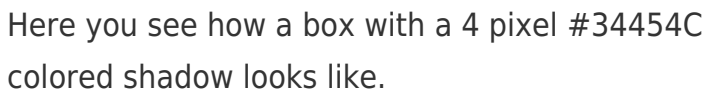
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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