

Converting Colors

Hex(34354B)

Have a look what the booklet for
Hex(34354B) contains.

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Color

Hex(34354B)

Conversions

Conversions Part 1

Format	Color
Hex	34354B
RGB	52, 53, 75
RGB Percent	20%, 21%, 29%
CMY	0.7961, 0.7922, 0.7059
CMYK	0.31, 0.29, 0.00, 0.71
HSL	237°, 18%, 25%
HSV	237°, 31%, 29%
XYZ	3.9593, 3.7843, 7.1784
YIQ	55.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

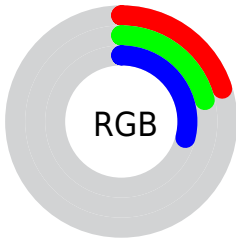
Format	Color
RYB	52, 53, 75
Decimal	3421515
CIELab	22.95, 5.46, -13.65
CIElCh	23, 14.700, 291.800
Yxy	3.7843, 0.2653, 0.2536
Android (android.graphics.Color)	4281611595 (0xFF34354B)
YUV	55.2090, 9.7570, -2.8143
Hunter-Lab	19.4532, 2.2867, -8.2612

Details

The Hex color **34354B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4A34**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **63637C**, and **09081F** is the 20% darker color. If you saturate the color by 10%, you get **2D2E4B**, and if you desaturate by 10%, it is **3B3C4B**.

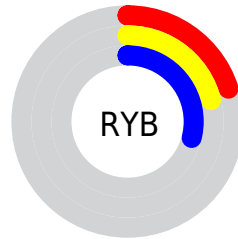
Distribution



Red (20%)

Green (21%)

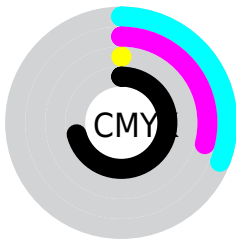
Blue (29%)



Red (20%)

Yellow (21%)

Blue (29%)

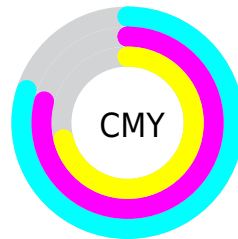


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (79%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34354B 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 34354B by changing the saturation by 10% instead.



34354B



34354B

FFFFFF



1E2034



63637C



09081F



7C7C96



000004



9696B0



000000



B1B1CC



CDCCE8



E9E8FF



34354B



34354B



2D2E4B



3B3C4B

■ 25274B

■ 43434B

■ 1D1F4B

■ 4B4B4B

■ 16184B

■ 52524B

■ 0E114B

■ 5A594B

■ 070A4B

■ 61604B

■ 00034B

■ 69674B

■ 706E4B

■ 78764B

Harmonies

Analogous

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



23394C



34354B



423144

Triad

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



34354B



493126



1D3D33

Complementary

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



34354B



4B4A34

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.



2A3B29



34354B



413521

Square

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



34354B



4D2F2F



363922



123D3E

Rectangle

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



34354B



482F3E



363922



213C30

Sweetspot

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



34354B



585961



344B4A



2B2B30



B0B0B0



303030

Same Dimension

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



34354B



3D3F61



3E344B



222326



000466



000AE6

Inverse Universe

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



4B3435



613D3F



414B34



262223



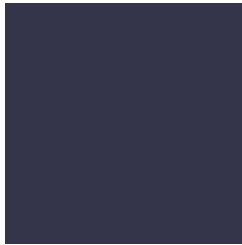
660004



E6000A

Previews

White Background



This preview shows how the Hex color 34354B looks on a white background.

Color Contrast Check

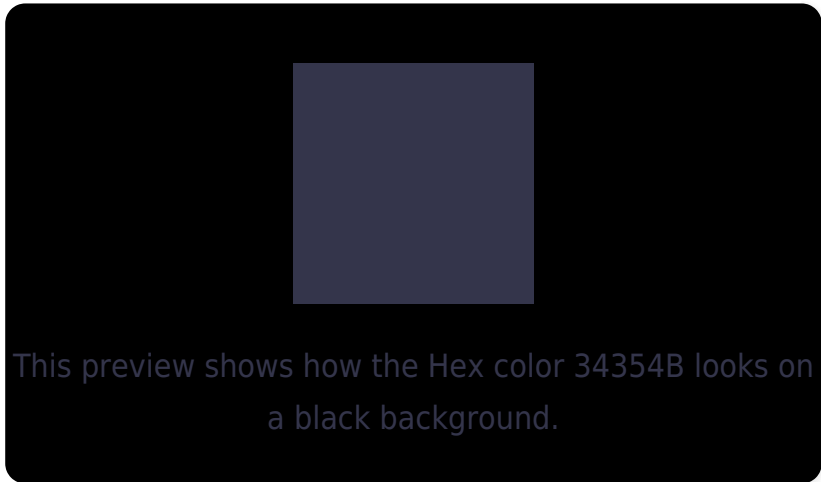
Large Text (above 18pt) WCAG AA ✓ Pass

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

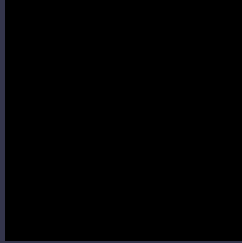
Any Text WCAG AA × Fail

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 34354B Background



This preview shows how black text looks on a background with the Hex color 34354B.

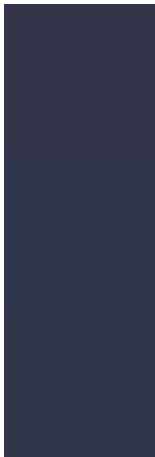


This preview shows how white text looks on a background with the Hex color 34354B.

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](#).

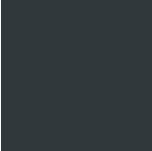
Dichromacy



Original Color
34354B

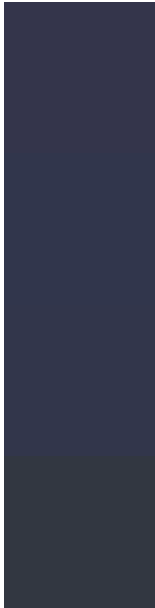
Protanopia
30364C

Deuteranopia
31364B



Tritanopia
31383C

Trichromacy



Original Color
34354B

Protanomaly
31364C

Deuteranomaly
32364B

Tritanomaly
323741

Monochromacy



Original Color
34354B

Achromatopsia
373737

Achromatomaly
36363E

CSS Examples

Text

The CSS property to change the color of the text to Hex 34354B 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 #34354B looks like.

```
.text, #text, p{  
    color:#34354B  
}
```

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 #34354B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34354B
}
```

Border

The CSS property to change the border of an element to Hex 34354B is called "border". The border property can be set on classes, ids or directly on the HTML element.

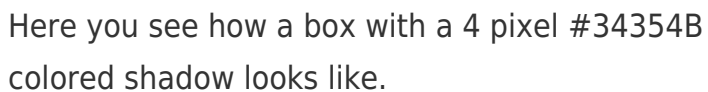
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34354B }
```

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

```
.border{ border-color:#34354B }
```

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



Here you see how a box with a 4 pixel #34354B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34354B; -webkit-box-shadow:4px 4px  
4px 4px #34354B; box-shadow:4px 4px 4px  
4px #34354B }
```

Background

The CSS property to change the background color of an element to Hex 34354B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34354B }
```

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

```
.background{ background-color:#34354B }
```

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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