

Converting Colors

Hex(334149)

Have a look what the booklet for
Hex(334149) contains.

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Color

Hex(334149)

Conversions

Conversions Part 1

Format	Color
Hex	334149
RGB	51, 65, 73
RGB Percent	20%, 25%, 29%
CMY	0.8000, 0.7451, 0.7137
CMYK	0.30, 0.11, 0.00, 0.71
HSL	202°, 18%, 24%
HSV	202°, 30%, 29%
XYZ	4.4581, 4.9654, 7.0268
YIQ	61.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

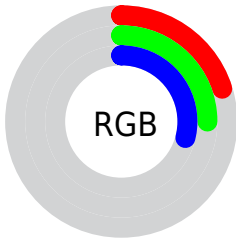
Format	Color
R_{YB}	51, 60, 73
Decimal	3359049
CIE Lab	26.64, -3.46, -6.71
CIE LCh	27, 7.550, 242.748
Yxy	4.9654, 0.2710, 0.3018
Android (android.graphics.Color)	4281549129 (0xFF334149)
YUV	61.7260, 5.5581, -9.4067
Hunter-Lab	22.2833, -3.2838, -3.0982

Details

The Hex color **334149** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493B33**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **62717A**, and **07171D** is the 20% darker color. If you saturate the color by 10%, you get **2C3E49**, and if you desaturate by 10%, it is **3A4449**.

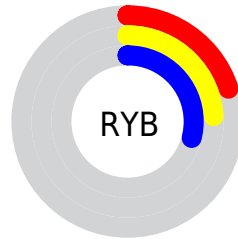
Distribution



Red (20%)

Green (25%)

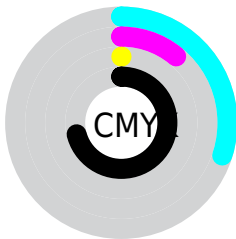
Blue (29%)



Red (20%)

Yellow (24%)

Blue (29%)

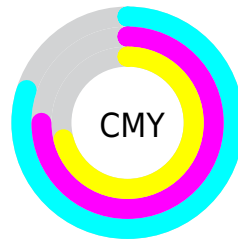


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (75%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334149 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 334149 by changing the saturation by 10% instead.

■ 334149

■ 334149

FFFFFF

■ 1D2B32

■ 62717A

■ 07171D

■ 7B8A93

■ 000002

■ 95A4AE

■ 000000

■ B0C0C9

■ CBDBE5

■ E7F8FF

■ 334149

■ 334149

■ 2C3E49

■ 3A4449

■ 243C49

■ 424649

■ 1D3949

■ 494949

■ 163649

■ 504C49

■ 0F3449

■ 584E49

■ 073149

■ 5F5149

■ 002E49

■ 665449

■ 6D5649

■ 755949

Harmonies

Analogous

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



304245



334149



393F4A

Triad

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



334149



4B3B3F



3D4135

Complementary

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



334149



493B33

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.



433F34



334149



4B3B39

Square

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



334149



473C44



483D35



36423A

Rectangle

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



334149



3E3E4A



483D35



3F4034

Sweetspot

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



334149



565B5E



33493B



2B2F30



B0B0B0



303030

Same Dimension

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



334149



3C525E



333649



202224



003F63



0090E3

Inverse Universe

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



493341



5E3C52



494633



242022



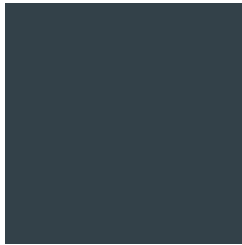
63003F



E30090

Previews

White Background



This preview shows how the Hex color 334149 looks on a white background.

Color Contrast Check

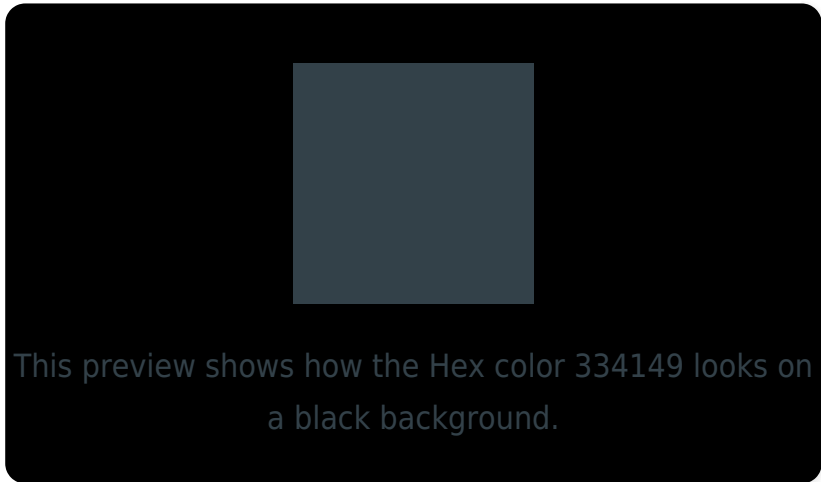
Large Text (above 18pt) WCAG AA ✓ Pass

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

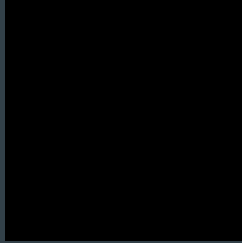
Any Text WCAG AA × Fail

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 334149 Background



This preview shows how black text looks on a background with the Hex color 334149.



This preview shows how white text looks on a background with the Hex color 334149.

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
334149

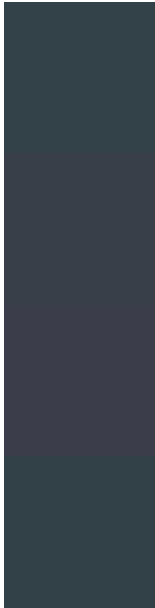
Protanopia
3D3E47

Deuteranopia
403D4A



Tritanopia
324147

Trichromacy



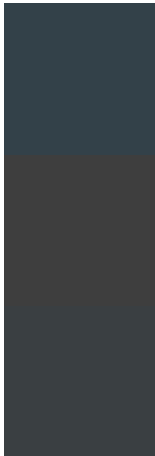
Original Color
334149

Protanomaly
393F48

Deuteranomaly
3B3E4A

Tritanomaly
324148

Monochromacy



Original Color
334149

Achromatopsia
3E3E3E

Achromatomaly
3A3F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 334149 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 #334149 looks like.

```
.text, #text, p{  
    color:#334149  
}
```

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 #334149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334149
}
```

Border

The CSS property to change the border of an element to Hex 334149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

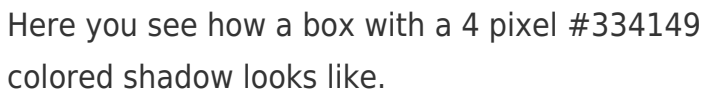
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334149 }
```

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

```
.border{ border-color:#334149 }
```

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



Here you see how a box with a 4 pixel #334149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334149; -webkit-box-shadow:4px 4px  
4px 4px #334149; box-shadow:4px 4px 4px  
4px #334149 }
```

Background

The CSS property to change the background color of an element to Hex 334149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334149 }
```

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

```
.background{ background-color:#334149 }
```

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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