

Converting Colors

Hex(334935)

Have a look what the booklet for
Hex(334935) contains.

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Color

Hex(334935)

Conversions

Conversions Part 1

Format	Color
Hex	334935
RGB	51, 73, 53
RGB Percent	20%, 29%, 21%
CMY	0.8000, 0.7137, 0.7922
CMYK	0.30, 0.00, 0.27, 0.71
HSL	125°, 18%, 24%
HSV	125°, 30%, 29%
XYZ	4.3904, 5.7259, 4.2420
YIQ	64.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

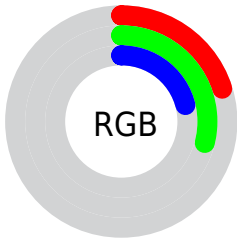
Format	Color
RYB	51, 71, 73
Decimal	3361077
CIELab	28.71, -13.32, 9.29
CIELCh	29, 16.234, 145.108
Yxy	5.7259, 0.3058, 0.3988
Android (android.graphics.Color)	4281551157 (0xFF334935)
YUV	64.1420, -5.4930, -11.5255
Hunter-Lab	23.9289, -9.1251, 6.2397

Details

The Hex color **334935** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **493347**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **627A64**, and **081D09** is the 20% darker color. If you saturate the color by 10%, you get **2C492E**, and if you desaturate by 10%, it is **3A493C**.

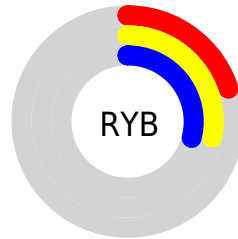
Distribution



Red (20%)

Green (29%)

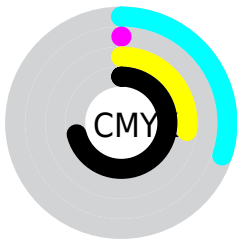
Blue (21%)



Red (20%)

Yellow (28%)

Blue (29%)

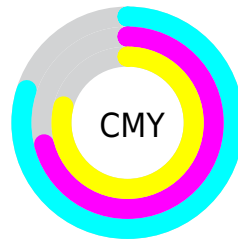


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334935 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 334935 by changing the saturation by 10% instead.

■ 334935

■ 334935

FFFFFF

■ 1D3220

■ 627A64

■ 081D09

■ 7B947D

■ 000000

■ 95AE96

■ B0CAB1

■ CBE6CD

■ E8FFE9

■ 334935

■ 334935

■ 2C492E

■ 3A493C

■ 244928

■ 424942

■ 1D4921

■ 494949

■ 16491A

■ 504950

■ 0F4914

■ 584956

■ 07490D

■ 5F495D

■ 004907

■ 664963

■ 6D496A

■ 754971

Harmonies

Analogous

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



41462D



334935



254A41

Triad

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



334935



30465C



5D3B3A

Complementary

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



334935



493347

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.



5B3A46



334935



43415A

Square

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



334935



1F4958



523D52



583E30

Rectangle

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



334935



1D4B4A



523D52



5D3A3E

Sweetspot

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



334935



565E57



474933



2B302C



B0B0B0



303030

Same Dimension

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



334935



3C5E3F



334940



202420



006309



00E315

Inverse Universe

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



493347



5E3C5B



49333C



242023



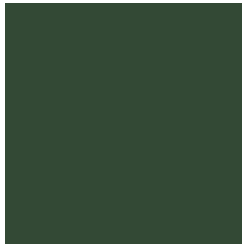
63005A



E300CE

Previews

White Background



This preview shows how the Hex color 334935 looks on a white background.

Color Contrast Check

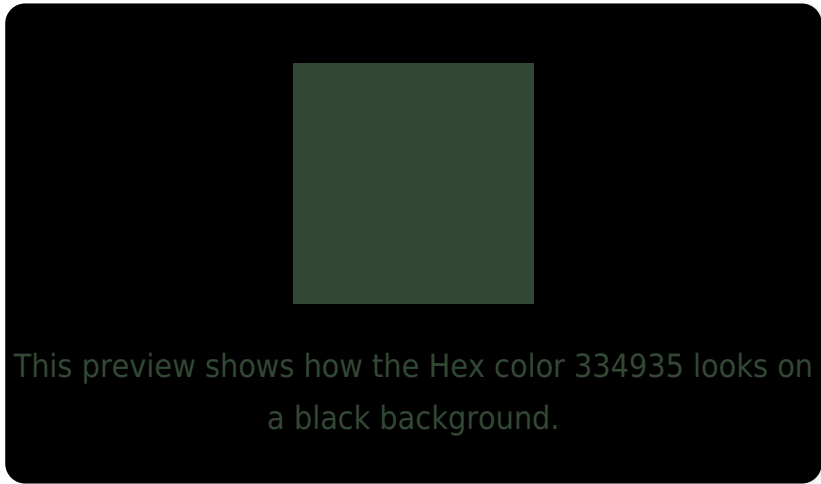
Large Text (above 18pt) WCAG AA ✓ Pass

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

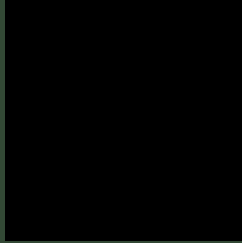
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

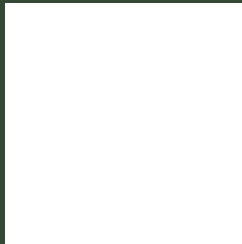
Any Text WCAG AAA × Fail

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

Hex 334935 Background



This preview shows how black text looks on a background with the Hex color 334935.



This preview shows how white text looks on a background with the Hex color 334935.

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](#).

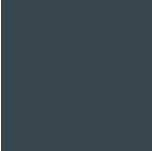
Dichromacy



Original Color
334935

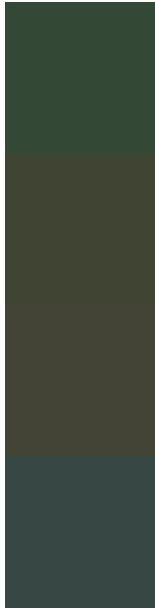
Protanopia
484332

Deuteranopia
4E4137



Tritanopia
37464C

Trichromacy



Original Color
334935

Protanomaly
404533

Deuteranomaly
444436

Tritanomaly
364744

Monochromacy



Original Color
334935

Achromatopsia
404040

Achromatomaly
3B433C

CSS Examples

Text

The CSS property to change the color of the text to Hex 334935 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 #334935 looks like.

```
.text, #text, p{  
    color:#334935  
}
```

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 #334935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334935
}
```

Border

The CSS property to change the border of an element to Hex 334935 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".

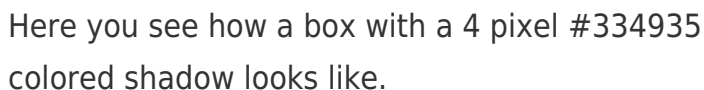
```
.border, #border, table{ border:4px solid
#334935 }
```

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

```
.border{ border-color:#334935 }
```

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

Here you see how a box with a 4 pixel #334935 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334935; -webkit-box-shadow:4px 4px  
4px 4px #334935; box-shadow:4px 4px 4px  
4px #334935 }
```

Background

The CSS property to change the background color of an element to Hex 334935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334935 }
```

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

```
.background{ background-color:#334935 }
```

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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