

Converting Colors

Hex(334729)

Have a look what the booklet for
Hex(334729) contains.

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Color

Hex(334729)

Conversions

Conversions Part 1

Format	Color
Hex	334729
RGB	51, 71, 41
RGB Percent	20%, 28%, 16%
CMY	0.8000, 0.7216, 0.8392
CMYK	0.28, 0.00, 0.42, 0.72
HSL	100°, 27%, 22%
HSV	100°, 42%, 28%
XYZ	4.0187, 5.3704, 2.9226
YIQ	61.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

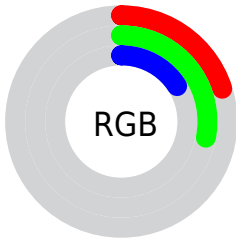
Format	Color
R_{YB}	41, 71, 61
Decimal	3360553
CIE _{Lab}	27.76, -14.45, 15.57
CIE _{LCh}	28, 21.248, 132.862
Yxy	5.3704, 0.3264, 0.4362
Android (android.graphics.Color)	4281550633 (0xFF334729)
YUV	61.6000, -10.1558, -9.2962
Hunter-Lab	23.1741, -9.6002, 8.7445

Details

The Hex color **334729** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3D2947**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **627857**, and **061C00** is the 20% darker color. If you saturate the color by 10%, you get **2E4722**, and if you desaturate by 10%, it is **384730**.

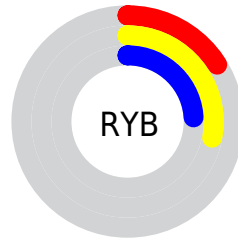
Distribution



Red (20%)

Green (28%)

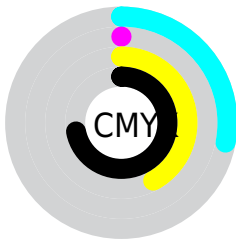
Blue (16%)



Red (16%)

Yellow (28%)

Blue (24%)

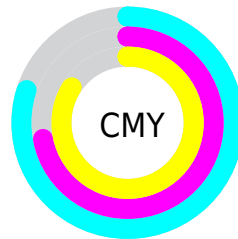


Cyan (28%)

Magenta (0%)

Yellow (42%)

Black (72%)



Cyan (80%)

Magenta (72%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334729 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 334729 by changing the saturation by 10% instead.

 334729

 334729

FFFFFF

 1D3014

 627857

 061C00

 7B916F

 000000

 95AC89

 B0C7A3

 CCE3BE

 E8FFDA

 FFFFF6

 334729

 334729

■ 2E4722

■ 384730

■ 2A471B

■ 3C4737

■ 254714

■ 41473E

■ 20470D

■ 464745

■ 1B4706

■ 4B474D

■ 184700

■ 4F4754

■ 54475B

■ 594762

■ 5E4769

Harmonies

Analogous

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



454321



334729



1D4937

Triad

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



334729



154660



61353B

Complementary

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



334729



3D2947

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.



5B364C



334729



354161

Square

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



334729



004957



4C3B5A



5E382C

Rectangle

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



334729



094A43



4C3B5A



603541

Sweetspot

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



334729



545C50



473D29



292E27



ADADAD



2E2E2E

Same Dimension

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



334729



3D5C2D



29472E



212420



216300



4CE300

Inverse Universe

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



3D2947



4C2D5C



472942



232024



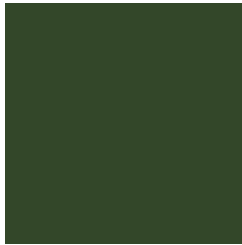
420063



9700E3

Previews

White Background



This preview shows how the Hex color 334729 looks on a white background.

Color Contrast Check

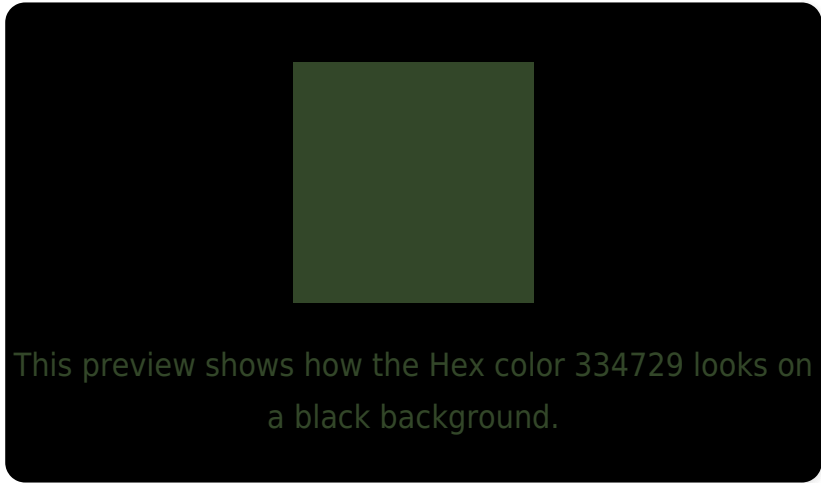
Large Text (above 18pt) WCAG AA ✓ Pass

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

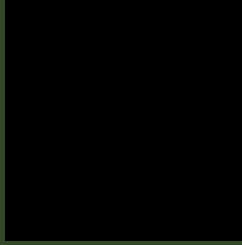
Any Text WCAG AA × Fail

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 334729 Background



This preview shows how black text looks on a background with the Hex color 334729.



This preview shows how white text looks on a background with the Hex color 334729.

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
334729

Protanopia
484127

Deuteranopia
4F3F2B



Tritanopia
384349

Trichromacy



Original Color
334729

Protanomaly
404328

Deuteranomaly
45422A

Tritanomaly
36443D

Monochromacy



Original Color
334729

Achromatopsia
3E3E3E

Achromatomaly
3A4136

CSS Examples

Text

The CSS property to change the color of the text to Hex 334729 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 #334729 looks like.

```
.text, #text, p{  
    color:#334729  
}
```

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 #334729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334729
}
```

Border

The CSS property to change the border of an element to Hex 334729 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".

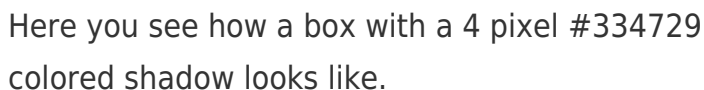
```
.border, #border, table{ border:4px solid
#334729 }
```

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

```
.border{ border-color:#334729 }
```

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

Here you see how a box with a 4 pixel #334729 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334729; -webkit-box-shadow:4px 4px  
4px 4px #334729; box-shadow:4px 4px 4px  
4px #334729 }
```

Background

The CSS property to change the background color of an element to Hex 334729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334729 }
```

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

```
.background{ background-color:#334729 }
```

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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