

Converting Colors

Hex(30342C)

Have a look what the booklet for
Hex(30342C) contains.

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Color

Hex(30342C)

Conversions

Conversions Part 1

Format	Color
Hex	30342C
RGB	48, 52, 44
RGB Percent	19%, 20%, 17%
CMY	0.8118, 0.7961, 0.8275
CMYK	0.08, 0.00, 0.15, 0.80
HSL	90°, 8%, 19%
HSV	90°, 15%, 20%
XYZ	2.9015, 3.2662, 2.8604
YIQ	49.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

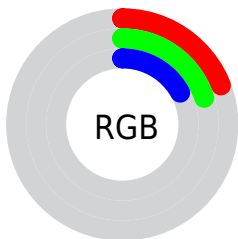
Format	Color
R_YB	44, 52, 48
Decimal	3159084
CIE Lab	21.08, -3.56, 4.48
CIE LCh	21, 5.720, 128.500
Yxy	3.2662, 0.3214, 0.3618
Android (android.graphics.Color)	4281349164 (0xFF30342C)
YUV	49.8920, -2.9048, -1.6593
Hunter-Lab	18.0727, -2.9693, 3.2669

Details

The Hex color **30342C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302C34**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5E6259**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **2D3427**, and if you desaturate by 10%, it is **333431**.

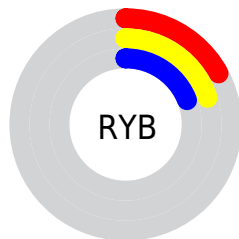
Distribution



Red (19%)

Green (20%)

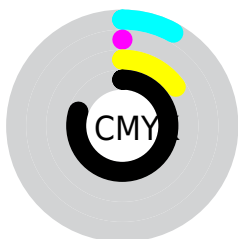
Blue (17%)



Red (17%)

Yellow (20%)

Blue (19%)

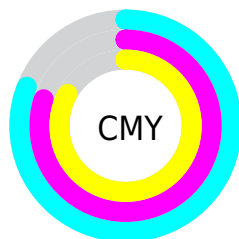


Cyan (8%)

Magenta (0%)

Yellow (15%)

Black (80%)



Cyan (81%)

Magenta (80%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30342C 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 30342C by changing the saturation by 10% instead.



30342C



30342C

FFFFFF



1B1F17



5E6259



000700



777B72



000000



90958B



ABB0A6



C6CBC1



E2E7DD



FFFFFF9



30342C



30342C

■ 2D3427

■ 333431

■ 2B3422

■ 353436

■ 28341C

■ 38343C

■ 263417

■ 3A3441

■ 233412

■ 3D3446

■ 20340D

■ 40344B

■ 1E3408

■ 423450

■ 1B3402

■ 453456

■ 1A3400

■ 47345B

Harmonies

Analogous

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



35332A



30342C



2B352F

Triad

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



30342C



2B343A



3B3032

Complementary

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



30342C



302C34

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.



393036



30342C



30333B

Square

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



30342C



283538



353139



3B302E

Rectangle

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



30342C



293532



353139



3B3033

Sweetspot

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



30342C



434541



34302C



232422



A3A3A3



242424

Same Dimension

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



30342C



3F4538



2C342C



181A17



2D5900



6CD900

Inverse Universe

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



302C34



3F3845



342C34



18171A



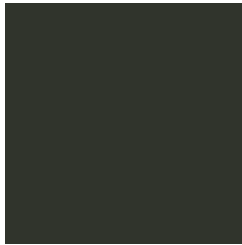
2D0059



6C00D9

Previews

White Background



This preview shows how the Hex color 30342C looks on a white background.

Color Contrast Check

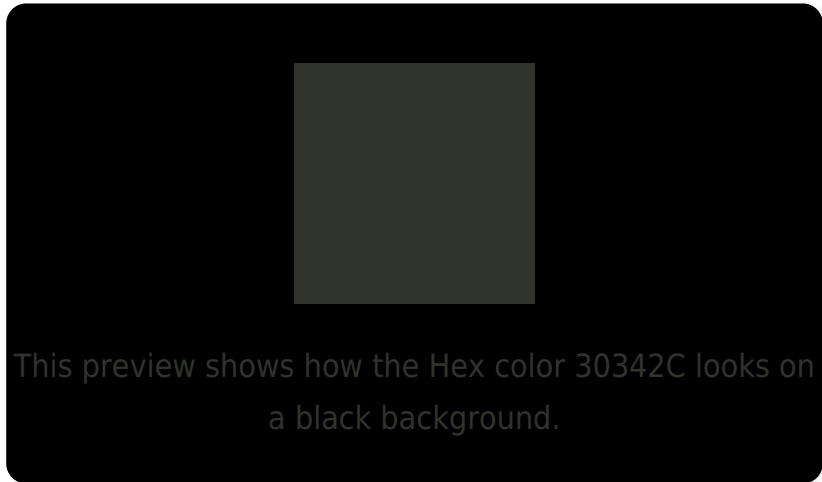
Large Text (above 18pt) WCAG AA ✓ Pass

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

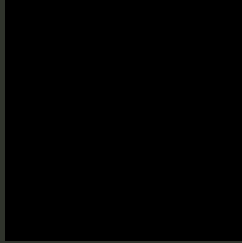
Any Text WCAG AA × Fail

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 30342C Background



This preview shows how black text looks on a background with the Hex color 30342C.



This preview shows how white text looks on a background with the Hex color 30342C.

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](#).

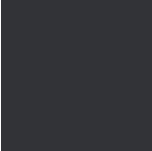
Dichromacy



Original Color
30342C

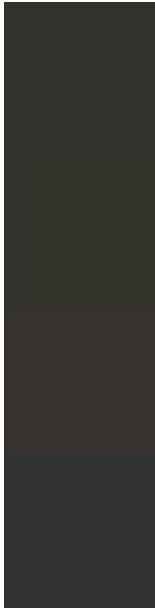
Protanopia
35322B

Deuteranopia
3A312D



Tritanopia
323337

Trichromacy



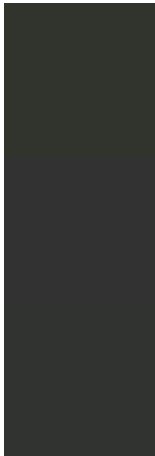
Original Color
30342C

Protanomaly
33332B

Deuteranomaly
36322D

Tritanomaly
313333

Monochromacy



Original Color
30342C

Achromatopsia
323232

Achromatomaly
313330

CSS Examples

Text

The CSS property to change the color of the text to Hex 30342C 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 #30342C looks like.

```
.text, #text, p{  
    color:#30342C  
}
```

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 #30342C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30342C
}
```

Border

The CSS property to change the border of an element to Hex 30342C is called "border". The border property can be set on classes, ids or directly on the HTML element.

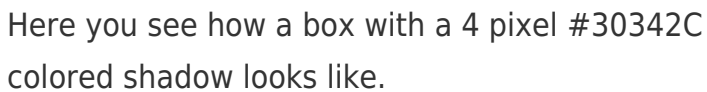
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30342C }
```

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

```
.border{ border-color:#30342C }
```

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



Here you see how a box with a 4 pixel #30342C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30342C; -webkit-box-shadow:4px 4px  
4px 4px #30342C; box-shadow:4px 4px 4px  
4px #30342C }
```

Background

The CSS property to change the background color of an element to Hex 30342C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30342C }
```

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

```
.background{ background-color:#30342C }
```

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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