

Converting Colors

Hex(333028)

Have a look what the booklet for
Hex(333028) contains.

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Color

Hex(333028)

Conversions

Conversions Part 1

Format	Color
Hex	333028
RGB	51, 48, 40
RGB Percent	20%, 19%, 16%
CMY	0.8000, 0.8118, 0.8431
CMYK	0.00, 0.06, 0.22, 0.80
HSL	44°, 12%, 18%
HSV	44°, 22%, 20%
XYZ	2.8052, 2.9709, 2.4331
YIQ	47.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

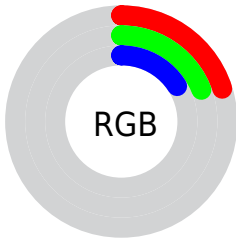
Format	Color
RYB	44, 51, 40
Decimal	3354664
CIELab	19.93, -0.34, 5.61
CIElCh	20, 5.621, 93.470
Yxy	2.9709, 0.3417, 0.3619
Android (android.graphics.Color)	4281544744 (0xFF333028)
YUV	47.9850, -3.9366, 2.6442
Hunter-Lab	17.2363, -1.1129, 3.6961

Details

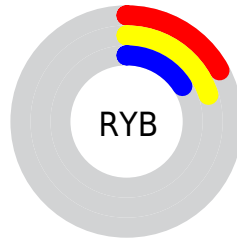
The Hex color **333028** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282B33**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **615E55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332F23**, and if you desaturate by 10%, it is **33312D**.

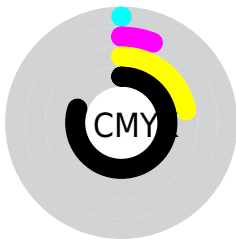
Distribution



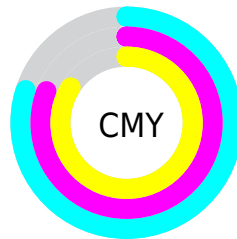
- Red (20%)
- Green (19%)
- Blue (16%)



- Red (17%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (80%)



- Cyan (80%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333028 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 333028 by changing the saturation by 10% instead.

■ 333028

■ 333028

FFFFFF

■ 1E1B14

■ 615E55

■ 000000

■ 7A776D

■ 949087

■ AFABA1

■ CAC6BC

■ E6E2D7

■ FFFFF4

■ 333028

■ 333028

■ 332F23

■ 33312D

■ 332D1E

■ 333332

■ 332C19

■ 333437

■ 332A14

■ 33363C

■ 33290E

■ 333742

■ 332809

■ 333847

■ 332604

■ 333A4C

■ 332500

■ 333B51

■ 333D56

Harmonies

Analogous

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



372F29



333028



2E3129

Triad

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



333028



263234



362E34

Complementary

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



333028



282B33

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.



322F37



333028



283237

Square

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



333028



273330



2C3038



392D30

Rectangle

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



333028



2B322B



2C3038



352E35

Sweetspot

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



333028



42413E



33282B



21211F



A1A1A1



212121

Same Dimension

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



333028



423E31



313328



1A1917



594100



D99E00

Inverse Universe

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



282B33



313642



2A2833



17181A



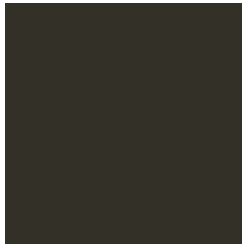
001859



003BD9

Previews

White Background



This preview shows how the Hex color 333028 looks on a white background.

Color Contrast Check

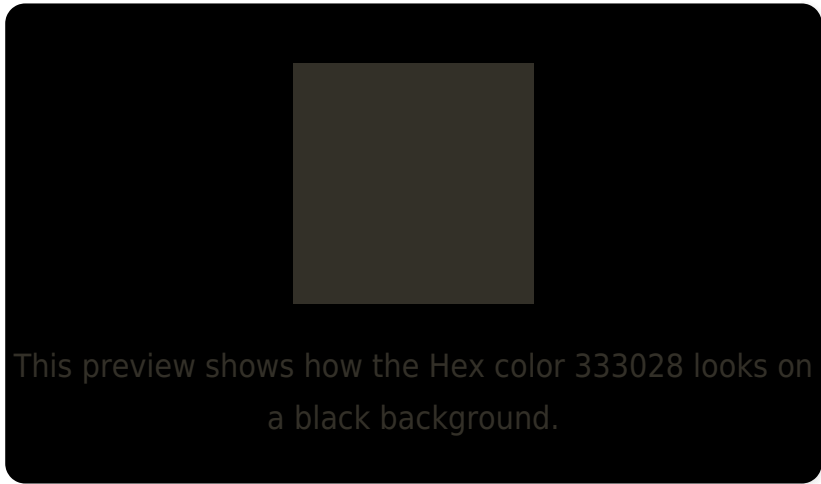
Large Text (above 18pt) WCAG AA ✓ Pass

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

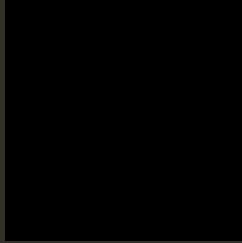
Any Text WCAG AA × Fail

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 333028 Background



This preview shows how black text looks on a background with the Hex color 333028.

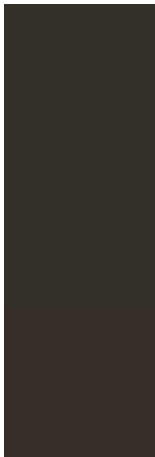


This preview shows how white text looks on a background with the Hex color 333028.

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
333028

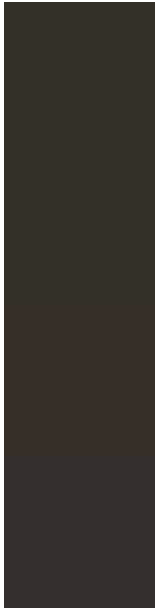
Protanopia
333028

Deuteranopia
382E28



Tritanopia
342F32

Trichromacy



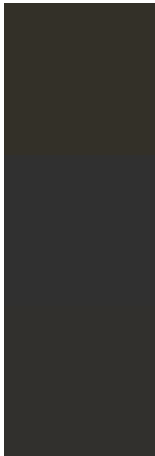
Original Color
333028

Protanomaly
333028

Deuteranomaly
362F28

Tritanomaly
342F2E

Monochromacy



Original Color
333028

Achromatopsia
303030

Achromatomaly
31302D

CSS Examples

Text

The CSS property to change the color of the text to Hex 333028 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 #333028 looks like.

```
.text, #text, p{  
    color:#333028  
}
```

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 #333028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333028
}
```

Border

The CSS property to change the border of an element to Hex 333028 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
#333028 }
```

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

```
.border{ border-color:#333028 }
```

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

Here you see how a box with a 4 pixel #333028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333028; -webkit-box-shadow:4px 4px  
4px 4px #333028; box-shadow:4px 4px 4px  
4px #333028 }
```

Background

The CSS property to change the background color of an element to Hex 333028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333028 }
```

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

```
.background{ background-color:#333028 }
```

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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