

Converting Colors

Hex(33372F)

Have a look what the booklet for
Hex(33372F) contains.

Hex(33372F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33372F)

Conversions

Conversions Part 1

Format	Color
Hex	33372F
RGB	51, 55, 47
RGB Percent	20%, 22%, 18%
CMY	0.8000, 0.7843, 0.8157
CMYK	0.07, 0.00, 0.15, 0.78
HSL	90°, 8%, 20%
HSV	90°, 15%, 22%
XYZ	3.2445, 3.6414, 3.2212
YIQ	52.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

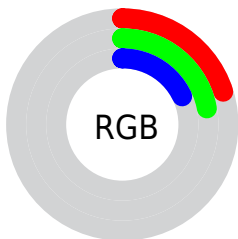
Format	Color
RYB	47, 55, 51
Decimal	3356463
CIELab	22.45, -3.53, 4.43
CIELCh	22, 5.669, 128.526
Yxy	3.6414, 0.3210, 0.3603
Android (android.graphics.Color)	4281546543 (0xFF33372F)
YUV	52.8920, -2.9048, -1.6593
Hunter-Lab	19.0825, -3.0448, 3.3494

Details

The Hex color **33372F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332F37**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **61665D**, and **050B00** is the 20% darker color. If you saturate the color by 10%, you get **30372A**, and if you desaturate by 10%, it is **363735**.

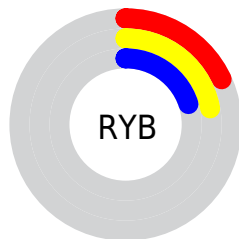
Distribution



Red (20%)

Green (22%)

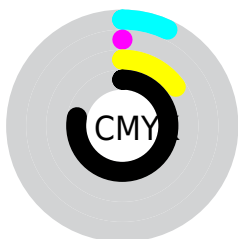
Blue (18%)



Red (18%)

Yellow (22%)

Blue (20%)

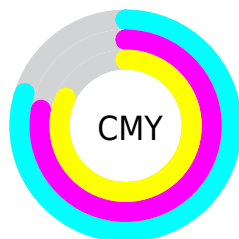


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33372F 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 33372F by changing the saturation by 10% instead.



33372F



33372F

FFFFFF



1E221A



61665D



050B00



7A7F75



000000



94998F



AFB3A9



CACFC5



E6EBE1

FFFFFFD



33372F



33372F

■ 30372A

■ 363735

■ 2E3724

■ 39373A

■ 2B371E

■ 3B3740

■ 283719

■ 3E3745

■ 253713

■ 41374B

■ 23370E

■ 443750

■ 203709

■ 463756

■ 1D3703

■ 49375B

■ 1C3700

■ 4C3761

Harmonies

Analogous

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



38362D



33372F



2E3832

Triad

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



33372F



2E373D



3E3335

Complementary

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



33372F



332F37

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.



3C3339



33372F



33363E

Square

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



33372F



2B383B



38343C



3E3331

Rectangle

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



33372F



2C3835



38343C



3E3336

Sweetspot

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



33372F



464745



37332F



232422



A3A3A3



242424

Same Dimension

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



33372F



41473B



2F372F



1B1C19



2E5C00



6EDB00

Inverse Universe

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



332F37



413B47



372F37



1B191C



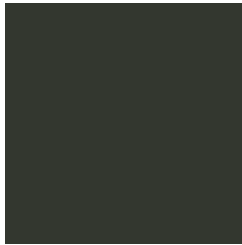
2E005C



6E00DB

Previews

White Background



This preview shows how the Hex color 33372F looks on a white background.

Color Contrast Check

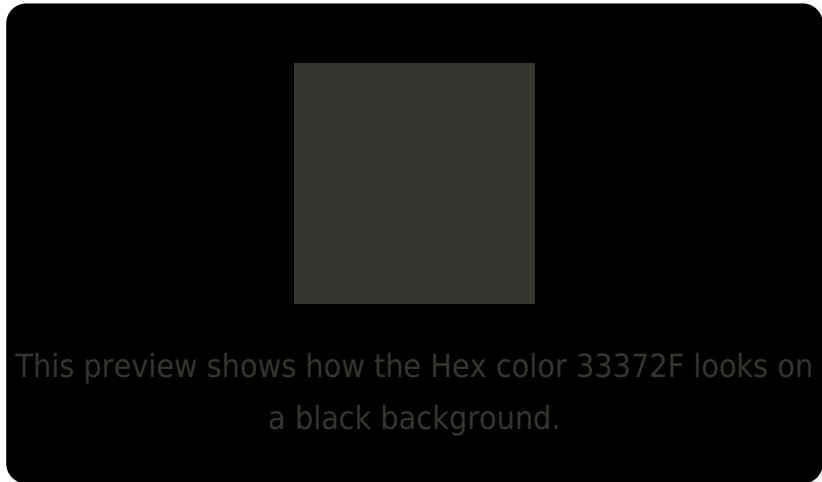
Large Text (above 18pt) WCAG AA ✓ Pass

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

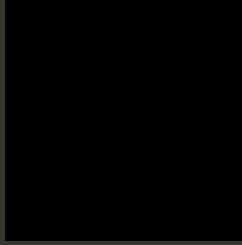
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

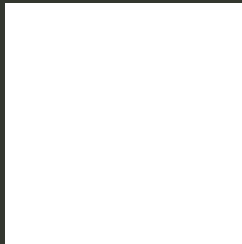
Any Text WCAG AAA × Fail

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

Hex 33372F Background



This preview shows how black text looks on a background with the Hex color 33372F.



This preview shows how white text looks on a background with the Hex color 33372F.

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](#).

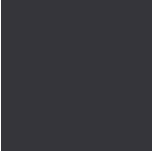
Dichromacy



Original Color
33372F

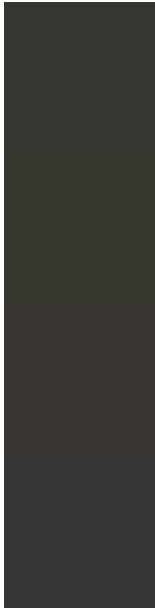
Protanopia
38352E

Deuteranopia
3D3430



Tritanopia
35353A

Trichromacy



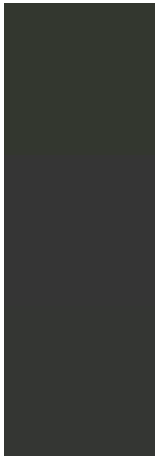
Original Color
33372F

Protanomaly
36362E

Deuteranomaly
393530

Tritanomaly
343636

Monochromacy



Original Color
33372F

Achromatopsia
353535

Achromatomaly
343633

CSS Examples

Text

The CSS property to change the color of the text to Hex 33372F 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 #33372F looks like.

```
.text, #text, p{  
  color:#33372F  
}
```

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 #33372F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33372F
}
```

Border

The CSS property to change the border of an element to Hex 33372F is called "border". The border property can be set on classes, ids or directly on the HTML element.

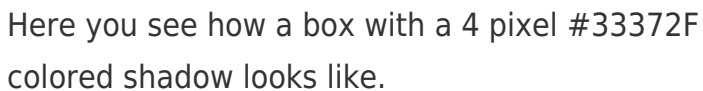
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33372F }
```

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

```
.border{ border-color:#33372F }
```

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



Here you see how a box with a 4 pixel #33372F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33372F; -webkit-box-shadow:4px 4px  
4px 4px #33372F; box-shadow:4px 4px 4px  
4px #33372F }
```

Background

The CSS property to change the background color of an element to Hex 33372F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33372F }
```

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

```
.background{ background-color:#33372F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor