

Converting Colors

Hex(33132C)

Have a look what the booklet for
Hex(33132C) contains.

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Color

Hex(33132C)

Conversions

Conversions Part 1

Format	Color
Hex	33132C
RGB	51, 19, 44
RGB Percent	20%, 7%, 17%
CMY	0.8000, 0.9255, 0.8275
CMYK	0.00, 0.63, 0.14, 0.80
HSL	313°, 46%, 14%
HSV	313°, 63%, 20%
XYZ	2.0527, 1.3514, 2.5355
YIQ	31.4180, 11.0470, 14.5590

Conversions

Conversions Part 2

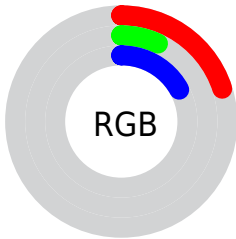
Format	Color
RYB	51, 19, 44
Decimal	3347244
CIELab	11.63, 20.15, -9.47
CIELCh	12, 22.262, 334.812
Yxy	1.3514, 0.3456, 0.2275
Android (android.graphics.Color)	4281537324 (0xFF33132C)
YUV	31.4180, 6.2029, 17.1734
Hunter-Lab	11.6250, 11.1758, -4.7943

Details

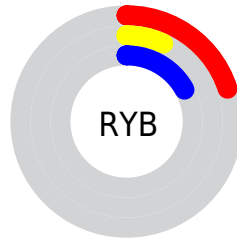
The Hex color **33132C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **13331A**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **633F5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330E2B**, and if you desaturate by 10%, it is **33182D**.

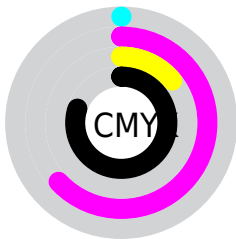
Distribution



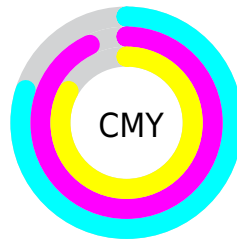
- Red (20%)
- Green (7%)
- Blue (17%)



- Red (20%)
- Yellow (7%)
- Blue (17%)



- Cyan (0%)
- Magenta (63%)
- Yellow (14%)
- Black (80%)



- Cyan (80%)
- Magenta (93%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33132C 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 33132C by changing the saturation by 10% instead.

■ 33132C

■ 33132C

■ FFF7FF

■ 200018

■ 633F5A

■ 000000

■ 7C5772

■ 966F8C

■ B189A6

■ CDA3C1

■ E9BFDD

■ FFDAFA

■ 33132C

■ 33132C

■ 330E2B

■ 33182D

■ 33092A

■ 331D2E

■ 330429

■ 33222F

■ 330028

■ 332730

■ 332D32

■ 333233

■ 333734

■ 333C35

■ 334136

Harmonies

Analogous

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



221A38



33132C



3A101D

Triad

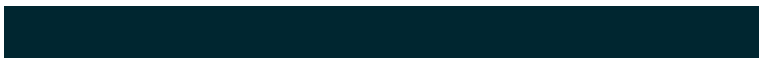
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33132C



251F00



002630

Complementary

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



33132C



13331A

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.



002621



33132C



162300

Square

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



33132C



321900



002511



00243A

Rectangle

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



33132C



3A1113



002511



00262B

Sweetspot

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



33132C



423640



1A1333



211A1F



A1A1A1



212121

Same Dimension

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



33132C



421137



33131C



1A1719



590046



D900A9

Inverse Universe

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



33132C



421137



13332A



1A1719



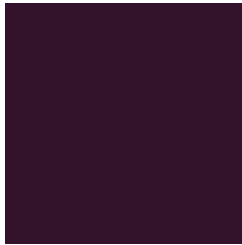
590046



D900A9

Previews

White Background



This preview shows how the Hex color 33132C looks on a white background.

Color Contrast Check

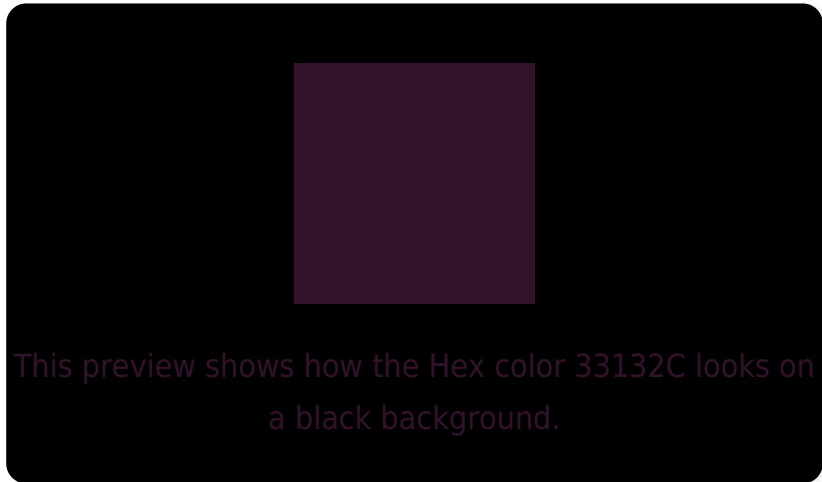
Large Text (above 18pt) WCAG AA ✓ Pass

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

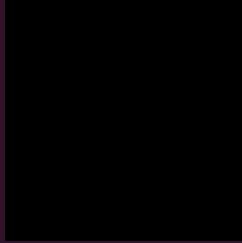
Any Text WCAG AA × Fail

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 33132C Background



This preview shows how black text looks on a background with the Hex color 33132C.



This preview shows how white text looks on a background with the Hex color 33132C.

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
33132C

Protanopia
161F36

Deuteranopia
1D1F2A



Tritanopia
31181A

Trichromacy



Original Color
33132C

Protanomaly
211B32

Deuteranomaly
251B2B

Tritanomaly
321621

Monochromacy



Original Color
33132C

Achromatopsia
1F1F1F

Achromatomaly
261B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 33132C 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 #33132C looks like.

```
.text, #text, p{  
  color:#33132C  
}
```

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 #33132C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33132C
}
```

Border

The CSS property to change the border of an element to Hex 33132C is called "border". The border property can be set on classes, ids or directly on the HTML element.

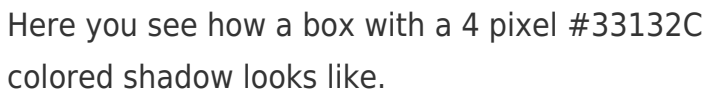
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33132C }
```

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

```
.border{ border-color:#33132C }
```

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



Here you see how a box with a 4 pixel #33132C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33132C; -webkit-box-shadow:4px 4px  
4px 4px #33132C; box-shadow:4px 4px 4px  
4px #33132C }
```

Background

The CSS property to change the background color of an element to Hex 33132C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33132C }
```

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

```
.background{ background-color:#33132C }
```

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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