

# Converting Colors

Hex(32181C)

Have a look what the booklet for  
Hex(32181C) contains.

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**Color**

**Hex(32181C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32181C
RGB	50, 24, 28
RGB Percent	20%, 9%, 11%
CMY	0.8039, 0.9059, 0.8902
CMYK	0.00, 0.52, 0.44, 0.80
HSL	351°, 35%, 15%
HSV	351°, 52%, 20%
XYZ	1.8516, 1.4152, 1.2742
YIQ	32.2300, 14.2120, 6.7560

# Conversions

## Conversions Part 2

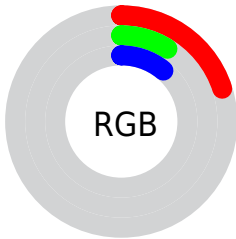
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 24, 28
Decimal	3282972
CIELab	12.06, 13.59, 2.97
CIELCh	12, 13.915, 12.324
Yxy	1.4152, 0.4078, 0.3117
Android (android.graphics.Color)	4281473052 (0xFF32181C)
YUV	32.2300, -2.0854, 15.5843
Hunter-Lab	11.8963, 6.9646, 1.9770




# Details

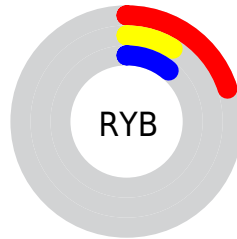
The Hex color **32181C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **18322E**, and the grayscale version is **202020**.



A 20% lighter version of the original color is **624447**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **321318**, and if you desaturate by 10%, it is **321D20**.

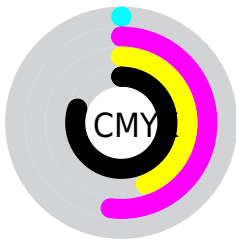
# Distribution







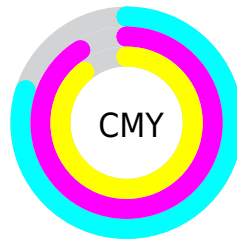
-  Red (20%)
-  Green (9%)
-  Blue (11%)






-  Red (20%)
-  Yellow (9%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (44%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (91%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32181C 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 32181C by changing the saturation by 10% instead.



 32181C

 32181C

 FFFCFF

 1F0001

 624447

 000000

 7B5B5F

 957478

 B08E91

 CCA8AC

 E8C3C7

 FFDFE3

 32181C

 32181C

■ 321318

■ 321D20

■ 320E14

■ 322224

■ 32090F

■ 322729

■ 32040B

■ 322C2D

■ 320008

■ 323131

■ 323635

■ 323B3A

■ 32403E

■ 324542

# Harmonies

## Analogous

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



2F1926



32181C



301A13

# Triad

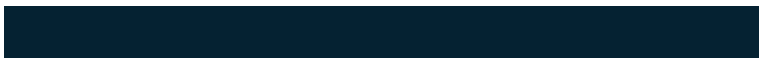
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32181C



172311



052232

# Complementary

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



32181C



18322E

# 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.



00242C



32181C



0A241A

# Square

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



32181C



22200A



002523



181F32

# Rectangle

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



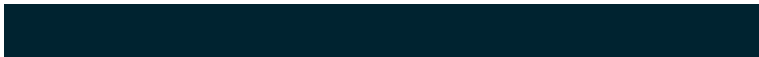
32181C



2D1C0E



002523



002330



# Sweetspot

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



32181C



403637



2E1832



211B1C



A1A1A1



212121



# Same Dimension

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



32181C



40181E



322118



1A1717



59000E



D90021



# Inverse Universe

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



32181C



40181E



182932



1A1717



59000E

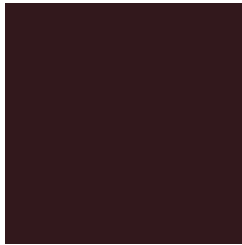


D90021



# Previews

## White Background



This preview shows how the Hex color 32181C looks on a white background.

## Color Contrast Check

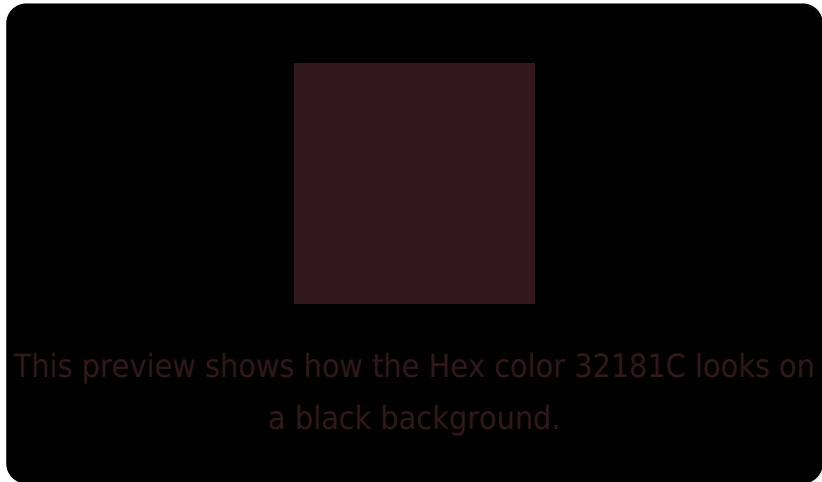
Large Text (above 18pt) WCAG AA ✓ Pass

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 32181C Background



This preview shows how black text looks on a background with the Hex color 32181C.

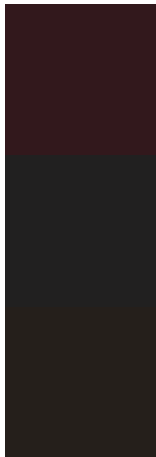


This preview shows how white text looks on a background with the Hex color 32181C.

# 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**  
32181C

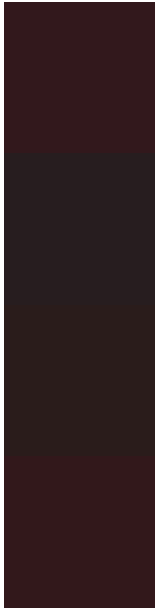
**Protanopia**  
212020

**Deuteranopia**  
251F1B



**Tritanopia**  
32181A

# Trichromacy



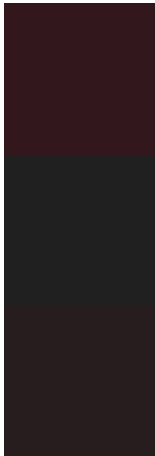
**Original Color**  
32181C

**Protanomaly**  
271D1F

**Deuteranomaly**  
2A1C1B

**Tritanomaly**  
32181B

# Monochromacy



**Original Color**  
32181C

**Achromatopsia**  
202020

**Achromatomaly**  
271D1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32181C 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 #32181C looks like.

```
.text, #text, p{  
    color:#32181C  
}
```

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 #32181C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32181C
}
```

## Border

The CSS property to change the border of an element to Hex 32181C is called "border". The border property can be set on classes, ids or directly on the HTML element.

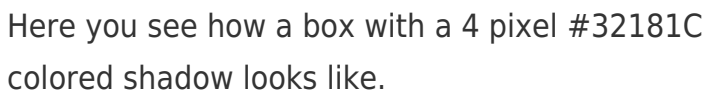
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32181C }
```

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

```
.border{ border-color:#32181C }
```

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



Here you see how a box with a 4 pixel #32181C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32181C; -webkit-box-shadow:4px 4px  
4px 4px #32181C; box-shadow:4px 4px 4px  
4px #32181C }
```

# Background

The CSS property to change the background color of an element to Hex 32181C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32181C }
```

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

```
.background{ background-color:#32181C }
```

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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