

Converting Colors

Hex(3C2731)

Have a look what the booklet for
Hex(3C2731) contains.

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Color

Hex(3C2731)

Conversions

Conversions Part 1

Format	Color
Hex	3C2731
RGB	60, 39, 49
RGB Percent	24%, 15%, 19%
CMY	0.7647, 0.8471, 0.8078
CMYK	0.00, 0.35, 0.18, 0.76
HSL	331°, 21%, 19%
HSV	331°, 35%, 24%
XYZ	3.1434, 2.6334, 3.2484
YIQ	46.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

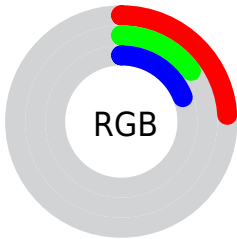
Format	Color
RYB	60, 39, 49
Decimal	3942193
CIELab	18.51, 11.74, -2.53
CIElCh	19, 12.005, 347.850
Yxy	2.6334, 0.3483, 0.2918
Android (android.graphics.Color)	4282132273 (0xFF3C2731)
YUV	46.4190, 1.2724, 11.9105
Hunter-Lab	16.2279, 6.1770, -0.5086

Details

The Hex color **3C2731** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **273C32**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6C545F**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **3C212E**, and if you desaturate by 10%, it is **3C2D34**.

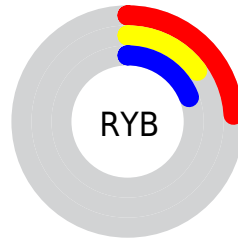
Distribution



 Red (24%)

 Green (15%)

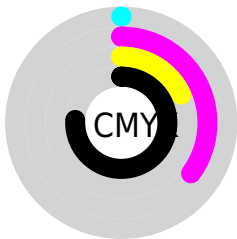
 Blue (19%)



 Red (24%)

 Yellow (15%)

 Blue (19%)

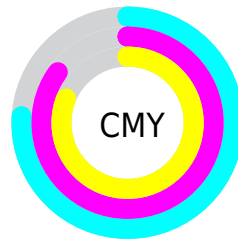


 Cyan (0%)

 Magenta (35%)

 Yellow (18%)

 Black (76%)



 Cyan (76%)

 Magenta (85%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2731 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 3C2731 by changing the saturation by 10% instead.



3C2731



3C2731

FFFFFF



26131C



6C545F



0E0000



856D78



000000



A08691



BBA0AC



D6BBC7



F3D7E3



FFF3FF



3C2731



3C2731

■ 3C212E

■ 3C2D34

■ 3C1B2B

■ 3C3337

■ 3C1528

■ 3C393A

■ 3C0F24

■ 3C3F3E

■ 3C0921

■ 3C4541

■ 3C031E

■ 3C4B44

■ 3C001D

■ 3C5147

■ 3C574A

■ 3C5D4D

Harmonies

Analogous

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



352939



3C2731



3F2728

Triad

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



3C2731



2E2E1C



13313A

Complementary

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



3C2731



273C32

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.



123232



3C2731



243021

Square

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



3C2731



362B1C



1A3229



1D2F3E

Rectangle

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



3C2731



3E2823



1A3229



113137

Sweetspot

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



3C2731



4F464A



32273C



292326



A8A8A8



292929

Same Dimension

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



3C2731



4F2E3E



3C2727



1F1C1D



5E002D



DE006A

Inverse Universe

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



3C2731



4F2E3E



273C3C



1F1C1D



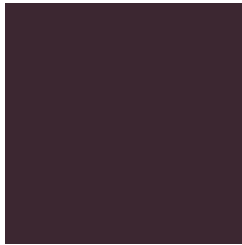
5E002D



DE006A

Previews

White Background



This preview shows how the Hex color 3C2731 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 3C2731 Background



This preview shows how black text looks on a background with the Hex color 3C2731.



This preview shows how white text looks on a background with the Hex color 3C2731.

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](#).

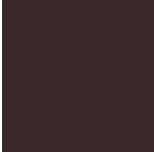
Dichromacy



Original Color
3C2731

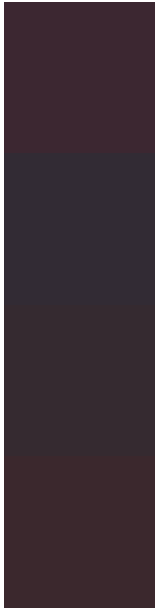
Protanopia
2C2D35

Deuteranopia
312C30



Tritanopia
3B282B

Trichromacy



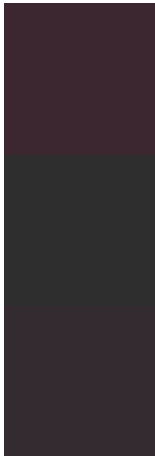
Original Color
3C2731

Protanomaly
322B34

Deuteranomaly
352A30

Tritanomaly
3B282D

Monochromacy



Original Color
3C2731

Achromatopsia
2E2E2E

Achromatomaly
332B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2731 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 #3C2731 looks like.

```
.text, #text, p{  
    color:#3C2731  
}
```

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 #3C2731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2731
}
```

Border

The CSS property to change the border of an element to Hex 3C2731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

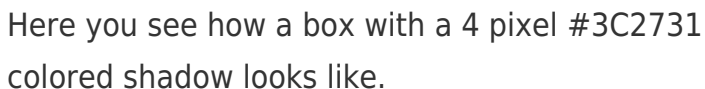
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C2731 }
```

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

```
.border{ border-color:#3C2731 }
```

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



Here you see how a box with a 4 pixel #3C2731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2731; -webkit-box-shadow:4px 4px  
4px 4px #3C2731; box-shadow:4px 4px 4px  
4px #3C2731 }
```

Background

The CSS property to change the background color of an element to Hex 3C2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2731 }
```

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

```
.background{ background-color:#3C2731 }
```

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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