

# Converting Colors

Hex(371C31)

Have a look what the booklet for  
Hex(371C31) contains.

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# Color

**Hex(371C31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	371C31
RGB	55, 28, 49
RGB Percent	22%, 11%, 19%
CMY	0.7843, 0.8902, 0.8078
CMYK	0.00, 0.49, 0.11, 0.78
HSL	313°, 33%, 16%
HSV	313°, 49%, 22%
XYZ	2.5452, 1.8645, 3.1315
YIQ	38.4670, 9.3510, 12.2550

# Conversions

## Conversions Part 2

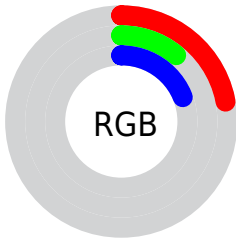
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 28, 49</a>
Decimal	<a href="#">3611697</a>
CIELab	<a href="#">14.76, 17.00, -8.24</a>
CIElCh	<a href="#">15, 18.897, 334.138</a>
Yxy	<a href="#">1.8645, 0.3375, 0.2472</a>
Android (android.graphics.Color)	<a href="#">4281801777 (0xFF371C31)</a>
YUV	<a href="#">38.4670, 5.1928, 14.4994</a>
Hunter-Lab	<a href="#">13.6546, 9.3763, -4.0390</a>

# Details

The Hex color **371C31** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C3722**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **67485F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **371630**, and if you desaturate by 10%, it is **372232**.

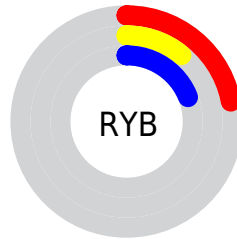
# Distribution



Red (22%)

Green (11%)

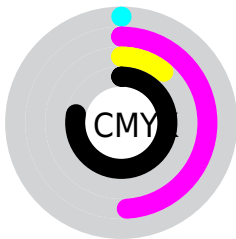
Blue (19%)



Red (22%)

Yellow (11%)

Blue (19%)

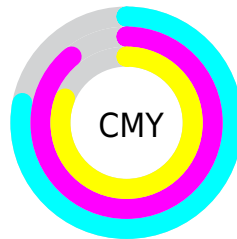


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (78%)



Cyan (78%)

Magenta (89%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 371C31 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 371C31 by changing the saturation by 10% instead.





371C31



371C31

FFFFFF



22051C



67485F



000000



806078



9A7992



B593AC



D1AEC7



EDC9E4



FFE5FF



371C31



371C31

■ 371630

■ 372232

■ 37112F

■ 372733

■ 370C2D

■ 372D35

■ 37062C

■ 373236

■ 37002B

■ 373837

■ 373D38

■ 37433A

■ 37483B

■ 374E3C

# Harmonies

## Analogous

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



29213B



371C31



3E1A24

# Triad

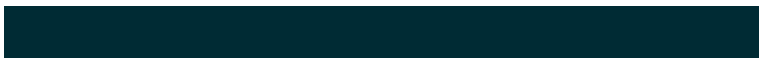
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



371C31



2C2507



002B34

# Complementary

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



371C31



1C3722

# 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.



002C27



371C31



1E290E

# Square

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



371C31



36200C



0B2B19



002A3D

# Rectangle

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



371C31



3E1B1B



0B2B19



002C30



# Sweetspot

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



371C31



473D45



221C37



241D22



A3A3A3



242424



# Same Dimension

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



371C31



471D3E



371C24



1C191B



5C0047



DB00AB



# Inverse Universe

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



371C31



471D3E



1C372F



1C191B



5C0047

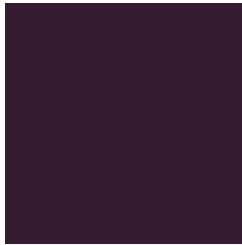


DB00AB



# Previews

## White Background



This preview shows how the Hex color 371C31 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

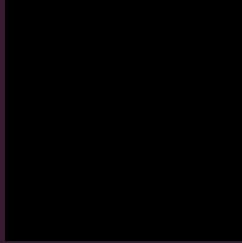
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 371C31 Background



This preview shows how black text looks on a background with the Hex color 371C31.



This preview shows how white text looks on a background with the Hex color 371C31.

# 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**  
371C31

**Protanopia**  
1F2538

**Deuteranopia**  
24252F



**Tritanopia**  
351F22

# Trichromacy



**Original Color**

371C31

**Protanomaly**

282235

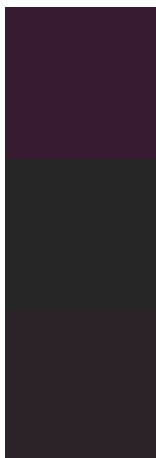
**Deuteranomaly**

2B2230

**Tritanomaly**

361E27

# Monochromacy



**Original Color**

371C31

**Achromatopsia**

262626

**Achromatomaly**

2C222A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 371C31 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 #371C31 looks like.

```
.text, #text, p{  
    color:#371C31  
}
```

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 #371C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371C31
}
```

## Border

The CSS property to change the border of an element to Hex 371C31 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
#371C31 }
```

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

```
.border{ border-color:#371C31 }
```

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

Here you see how a box with a 4 pixel #371C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371C31; -webkit-box-shadow:4px 4px  
4px 4px #371C31; box-shadow:4px 4px 4px  
4px #371C31 }
```

# Background

The CSS property to change the background color of an element to Hex 371C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371C31 }
```

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

```
.background{ background-color:#371C31 }
```

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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