

Converting Colors

Hex(3D1731)

Have a look what the booklet for
Hex(3D1731) contains.

Hex(3D1731)	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(3D1731)

Conversions

Conversions Part 1

Format	Color
Hex	3D1731
RGB	61, 23, 49
RGB Percent	24%, 9%, 19%
CMY	0.7608, 0.9098, 0.8078
CMYK	0.00, 0.62, 0.20, 0.76
HSL	319°, 45%, 16%
HSV	319°, 62%, 24%
XYZ	2.7852, 1.8266, 3.1115
YIQ	37.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

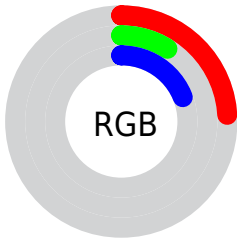
Format	Color
R_{YB}	61, 23, 49
Decimal	4003633
CIE Lab	14.55, 22.47, -8.47
CIE LCh	15, 24.015, 339.338
Yxy	1.8266, 0.3606, 0.2365
Android (android.graphics.Color)	4282193713 (0xFF3D1731)
YUV	37.3260, 5.7553, 20.7621
Hunter-Lab	13.5153, 13.1335, -4.1890

Details

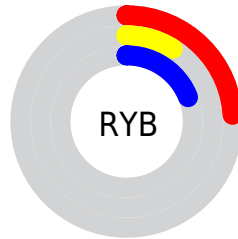
The Hex color **3D1731** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173D23**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6E445F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D112F**, and if you desaturate by 10%, it is **3D1D33**.

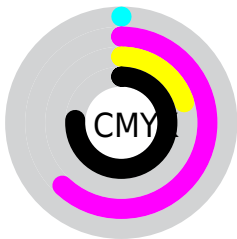
Distribution



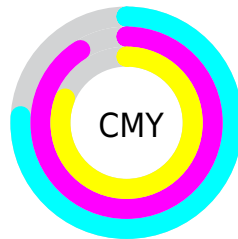
- Red (24%)
- Green (9%)
- Blue (19%)



- Red (24%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (62%)
- Yellow (20%)
- Black (76%)



- Cyan (76%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1731 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 3D1731 by changing the saturation by 10% instead.

■ 3D1731

■ 3D1731

FFFEFF

■ 27001C

■ 6E445F

■ 000000

■ 885C78

■ A27592

■ BE8FAC

■ DAA9C7

■ F6C5E4

■ FFE1FF

■ 3D1731

■ 3D1731

■ 3D112F

■ 3D1D33

■ 3D0B2D

■ 3D2335

■ 3D052B

■ 3D2937

■ 3D002A

■ 3D2F39

■ 3D363B

■ 3D3C3D

■ 3D423E

■ 3D4840

■ 3D4E42

Harmonies

Analogous

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



2C1E3F



3D1731



431520

Triad

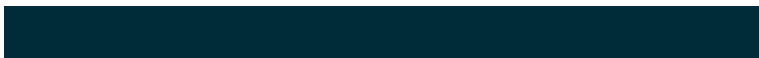
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1731



2A2500



002C3A

Complementary

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



3D1731



173D23

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.



002D2A



3D1731



172A06

Square

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



3D1731



371F00



002C18



002A44

Rectangle

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



3D1731



421715



002C18



002D35

Sweetspot

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



3D1731



4F404A



22173D



291F26



A8A8A8



292929

Same Dimension

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



3D1731



4F143C



3D171F



1F1C1E



5E0041



DE0098

Inverse Universe

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



3D1731



4F143C



173D35



1F1C1E



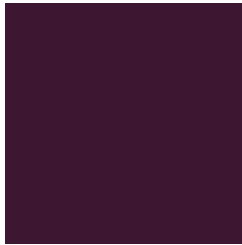
5E0041



DE0098

Previews

White Background



This preview shows how the Hex color 3D1731 looks on a white background.

Color Contrast Check

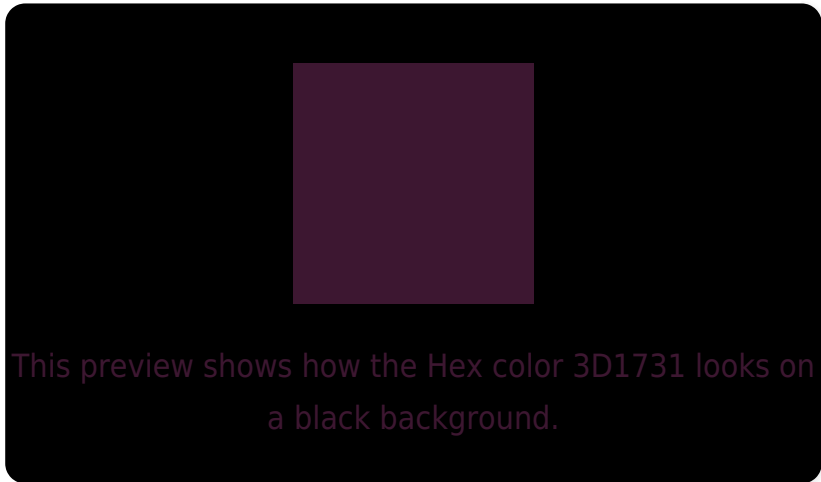
Large Text (above 18pt) WCAG AA ✓ Pass

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

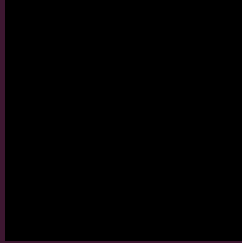
Any Text WCAG AA × Fail

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 3D1731 Background



This preview shows how black text looks on a background with the Hex color 3D1731.



This preview shows how white text looks on a background with the Hex color 3D1731.

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
3D1731

Protanopia
1D253C

Deuteranopia
25252F



Tritanopia
3B1C1E

Trichromacy



Original Color
3D1731

Protanomaly
292038

Deuteranomaly
2E2030

Tritanomaly
3C1A25

Monochromacy



Original Color
3D1731

Achromatopsia
252525

Achromatomaly
2E2029

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1731 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 #3D1731 looks like.

```
.text, #text, p{  
    color:#3D1731  
}
```

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 #3D1731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1731
}
```

Border

The CSS property to change the border of an element to Hex 3D1731 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
#3D1731 }
```

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

```
.border{ border-color:#3D1731 }
```

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

Here you see how a box with a 4 pixel #3D1731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1731; -webkit-box-shadow:4px 4px  
4px 4px #3D1731; box-shadow:4px 4px 4px  
4px #3D1731 }
```

Background

The CSS property to change the background color of an element to Hex 3D1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1731 }
```

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

```
.background{ background-color:#3D1731 }
```

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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