

Converting Colors

Hex(3D1B4D)

Have a look what the booklet for
Hex(3D1B4D) contains.

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Color

Hex(3D1B4D)

Conversions

Conversions Part 1

Format	Color
Hex	3D1B4D
RGB	61, 27, 77
RGB Percent	24%, 11%, 30%
CMY	0.7608, 0.8941, 0.6980
CMYK	0.21, 0.65, 0.00, 0.70
HSL	281°, 48%, 20%
HSV	281°, 65%, 30%
XYZ	3.6560, 2.3118, 7.2747
YIQ	42.8660, 4.2140, 22.7580

Conversions

Conversions Part 2

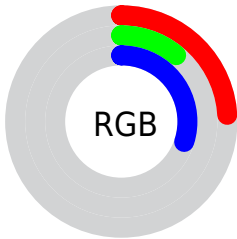
Format	Color
RYB	61, 27, 77
Decimal	4004685
CIELab	17.05, 26.35, -24.18
CIElCh	17, 35.760, 317.453
Yxy	2.3118, 0.2761, 0.1746
Android (android.graphics.Color)	4282194765 (0xFF3D1B4D)
YUV	42.8660, 16.8281, 15.9035
Hunter-Lab	15.2046, 16.3126, -17.7244

Details

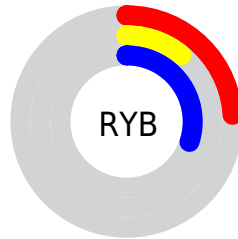
The Hex color **3D1B4D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2B4D1B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6E497E**, and **0D0020** is the 20% darker color. If you saturate the color by 10%, you get **3B134D**, and if you desaturate by 10%, it is **3F234D**.

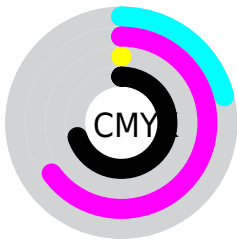
Distribution



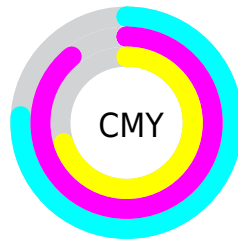
- Red (24%)
- Green (11%)
- Blue (30%)



- Red (24%)
- Yellow (11%)
- Blue (30%)



- Cyan (21%)
- Magenta (65%)
- Yellow (0%)
- Black (70%)



- Cyan (76%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1B4D 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 3D1B4D by changing the saturation by 10% instead.

■ 3D1B4D

■ 3D1B4D

FFFFFF

■ 260536

■ 6E497E

■ 0D0020

■ 886198

■ 000004

■ A37AB3

■ 000000

■ BE94CF

■ DAAFE8

■ F7CBFF

■ FFE7FF

■ 3D1B4D

■ 3D1B4D

■ 3B134D

■ 3F234D

■ 380C4D

■ 422A4D

■ 36044D

■ 44324D

■ 34004D

■ 473A4D

■ 49424D

■ 4C494D

■ 4E514D

■ 51594D

■ 53604D

Harmonies

Analogous

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



06285B



3D1B4D



520C36

Triad

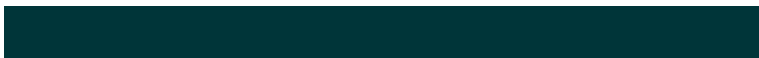
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1B4D



3E2500



003539

Complementary

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



3D1B4D



2B4D1B

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.



00341E



3D1B4D



282D00

Square

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



3D1B4D



4F1800



043200



00344F

Rectangle

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



3D1B4D



560925



043200



003530

Sweetspot

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



3D1B4D



5D5163



1B2C4D



2F2733



B3B3B3



333333

Same Dimension

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



3D1B4D



4B1663



4D1B45



252226



450066



9C00E6

Inverse Universe

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



4D1B2B



63162F



1B4D23



262224



660021



E60049

Previews

White Background



This preview shows how the Hex color 3D1B4D looks on a white background.

Color Contrast Check

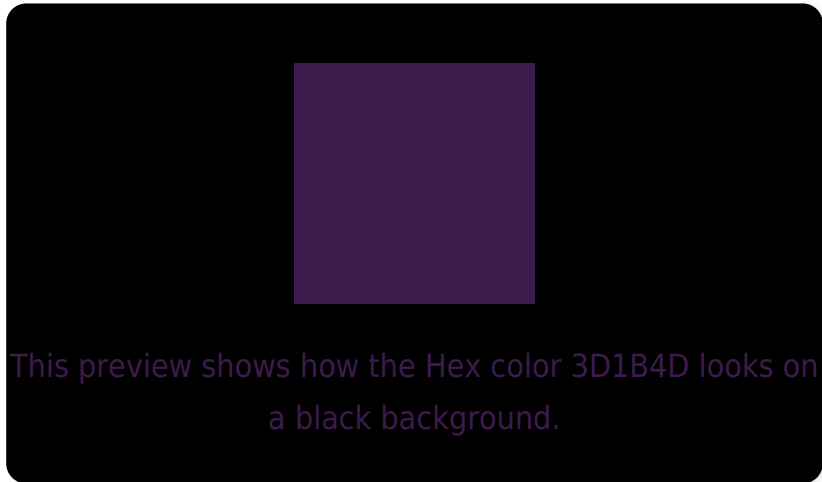
Large Text (above 18pt) WCAG AA ✓ Pass

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

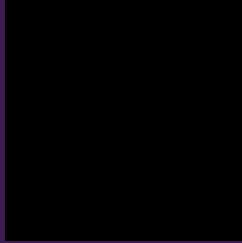
Any Text WCAG AA × Fail

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 3D1B4D Background



This preview shows how black text looks on a background with the Hex color 3D1B4D.



This preview shows how white text looks on a background with the Hex color 3D1B4D.

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](#).

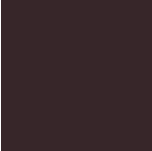
Dichromacy



Original Color
3D1B4D

Protanopia
002958

Deuteranopia
132B4A



Tritanopia
372629

Trichromacy



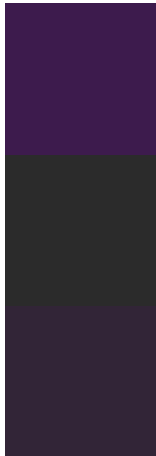
Original Color
3D1B4D

Protanomaly
162454

Deuteranomaly
22254B

Tritanomaly
392236

Monochromacy



Original Color
3D1B4D

Achromatopsia
2B2B2B

Achromatomaly
322537

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1B4D 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 #3D1B4D looks like.

```
.text, #text, p{  
    color:#3D1B4D  
}
```

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 #3D1B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1B4D
}
```

Border

The CSS property to change the border of an element to Hex 3D1B4D 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".

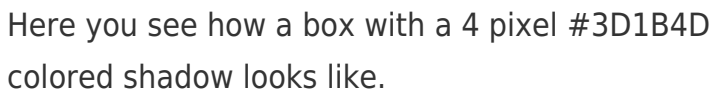
```
.border, #border, table{ border:4px solid
#3D1B4D }
```

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

```
.border{ border-color:#3D1B4D }
```

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

Here you see how a box with a 4 pixel #3D1B4D colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1B4D; -webkit-box-shadow:4px 4px  
4px 4px #3D1B4D; box-shadow:4px 4px 4px  
4px #3D1B4D }
```

Background

The CSS property to change the background color of an element to Hex 3D1B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1B4D }
```

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

```
.background{ background-color:#3D1B4D }
```

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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