

Converting Colors

Hex(3D1832)

Have a look what the booklet for
Hex(3D1832) contains.

Hex(3D1832)	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(3D1832)

Conversions

Conversions Part 1

Format	Color
Hex	3D1832
RGB	61, 24, 50
RGB Percent	24%, 9%, 20%
CMY	0.7608, 0.9059, 0.8039
CMYK	0.00, 0.61, 0.18, 0.76
HSL	318°, 44%, 17%
HSV	318°, 61%, 24%
XYZ	2.8268, 1.8757, 3.2307
YIQ	38.0270, 13.7060, 15.9300

Conversions

Conversions Part 2

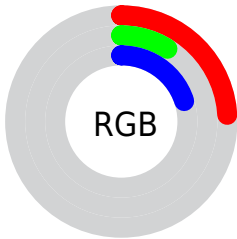
Format	Color
RYB	61, 24, 50
Decimal	4003890
CIELab	14.82, 22.07, -8.78
CIELCh	15, 23.748, 338.308
Yxy	1.8757, 0.3563, 0.2364
Android (android.graphics.Color)	4282193970 (0xFF3D1832)
YUV	38.0270, 5.9027, 20.1473
Hunter-Lab	13.6955, 12.8764, -4.3993

Details

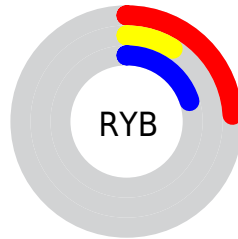
The Hex color **3D1832** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **183D23**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6E4560**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D1230**, and if you desaturate by 10%, it is **3D1E34**.

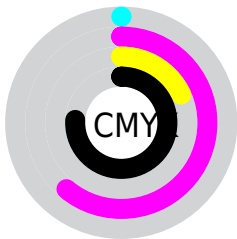
Distribution



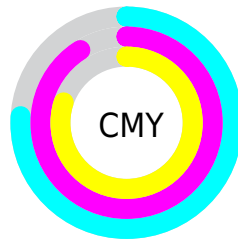
- Red (24%)
- Green (9%)
- Blue (20%)



- Red (24%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (18%)
- Black (76%)



- Cyan (76%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1832 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 3D1832 by changing the saturation by 10% instead.

■ 3D1832

■ 3D1832

FFFFFF

■ 27011D

■ 6E4560

■ 000000

■ 885D79

■ A27693

■ BE90AD

■ DAABC9

■ F6C6E5

■ FFE2FF

■ 3D1832

■ 3D1832

■ 3D1230

■ 3D1E34

■ 3D0C2E

■ 3D2436

■ 3D062D

■ 3D2A37

■ 3D002B

■ 3D3039

■ 3D373B

■ 3D3D3D

■ 3D433F

■ 3D4941

■ 3D4F42

Harmonies

Analogous

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



2C1F40



3D1832



441521

Triad

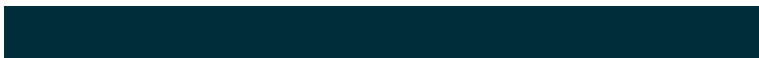
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1832



2B2600



002D3A

Complementary

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



3D1832



183D23

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



3D1832



182A07

Square

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



3D1832



382000



002C18



002A44

Rectangle

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



3D1832



431716



002C18



002D35

Sweetspot

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



3D1832



4F414B



22183D



292026



A8A8A8



292929

Same Dimension

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



3D1832



4F153E



3D1820



1F1C1E



5E0042



DE009C

Inverse Universe

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



3D1832



4F153E



183D35



1F1C1E



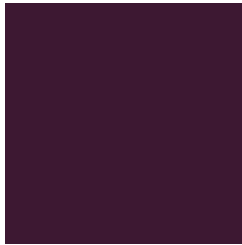
5E0042



DE009C

Previews

White Background



This preview shows how the Hex color 3D1832 looks on a white background.

Color Contrast Check

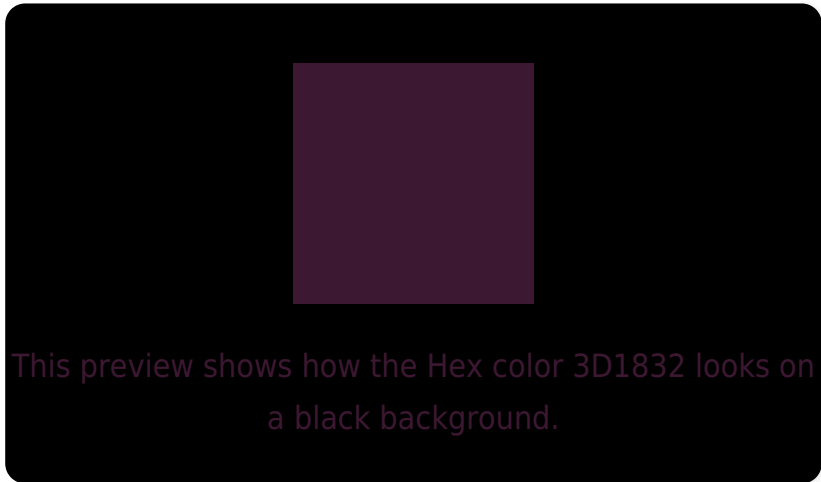
Large Text (above 18pt) WCAG AA ✓ Pass

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

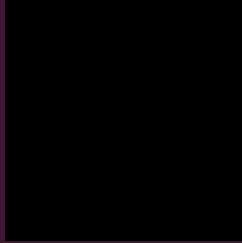
Any Text WCAG AA × Fail

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 3D1832 Background



This preview shows how black text looks on a background with the Hex color 3D1832.



This preview shows how white text looks on a background with the Hex color 3D1832.

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](#).

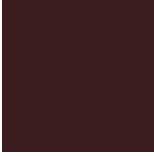
Dichromacy



Original Color
3D1832

Protanopia
1E263D

Deuteranopia
252630



Tritanopia
3B1D1F

Trichromacy



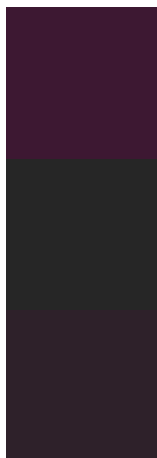
Original Color
3D1832

Protanomaly
292139

Deuteranomaly
2E2131

Tritanomaly
3C1B26

Monochromacy



Original Color
3D1832

Achromatopsia
262626

Achromatomaly
2E212A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1832 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 #3D1832 looks like.

```
.text, #text, p{  
    color:#3D1832  
}
```

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 #3D1832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1832
}
```

Border

The CSS property to change the border of an element to Hex 3D1832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

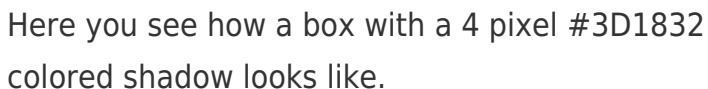
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D1832 }
```

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

```
.border{ border-color:#3D1832 }
```

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



Here you see how a box with a 4 pixel #3D1832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1832; -webkit-box-shadow:4px 4px  
4px 4px #3D1832; box-shadow:4px 4px 4px  
4px #3D1832 }
```

Background

The CSS property to change the background color of an element to Hex 3D1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1832 }
```

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

```
.background{ background-color:#3D1832 }
```

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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