

Converting Colors

Hex(3D1D2E)

Have a look what the booklet for
Hex(3D1D2E) contains.

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Color

Hex(3D1D2E)

Conversions

Conversions Part 1

Format	Color
Hex	3D1D2E
RGB	61, 29, 46
RGB Percent	24%, 11%, 18%
CMY	0.7608, 0.8863, 0.8196
CMYK	0.00, 0.52, 0.25, 0.76
HSL	328°, 36%, 18%
HSV	328°, 52%, 24%
XYZ	2.8570, 2.0681, 2.8334
YIQ	40.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

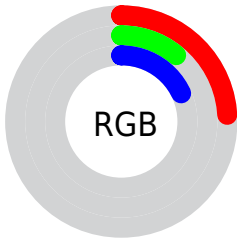
Format	Color
RYB	61, 29, 46
Decimal	4005166
CIELab	15.84, 18.22, -4.37
CIELCh	16, 18.735, 346.514
Yxy	2.0681, 0.3682, 0.2666
Android (android.graphics.Color)	4282195246 (0xFF3D1D2E)
YUV	40.5060, 2.7085, 17.9732
Hunter-Lab	14.3808, 10.2953, -1.6150

Details

The Hex color **3D1D2E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1D3D2C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6E4A5C**, and **010000** is the 20% darker color. If you saturate the color by 10%, you get **3D172B**, and if you desaturate by 10%, it is **3D2331**.

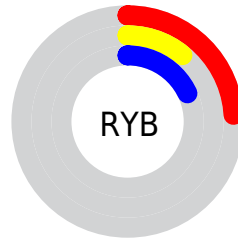
Distribution



Red (24%)

Green (11%)

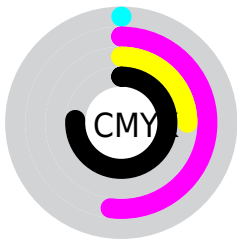
Blue (18%)



Red (24%)

Yellow (11%)

Blue (18%)

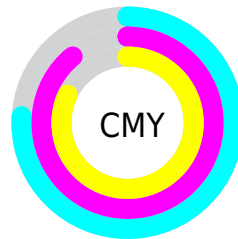


Cyan (0%)

Magenta (52%)

Yellow (25%)

Black (76%)



Cyan (76%)

Magenta (89%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1D2E 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 3D1D2E by changing the saturation by 10% instead.

 3D1D2E

 3D1D2E

FFFFFF

 270719

 6E4A5C

 010000

 876274

 000000

 A27B8E

 BD95A8

 D9B0C3

 F6CBDF

 FFE7FC

 3D1D2E

 3D1D2E

■ 3D172B

■ 3D2331

■ 3D1128

■ 3D2934

■ 3D0B25

■ 3D2F37

■ 3D0523

■ 3D3539

■ 3D0020

■ 3D3C3C

■ 3D423F

■ 3D4842

■ 3D4E45

■ 3D5448

Harmonies

Analogous

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



32213A



3D1D2E



411C21

Triad

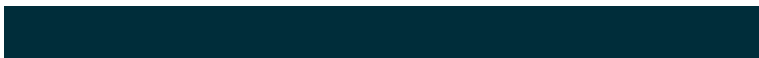
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1D2E



28290C



002D3A

Complementary

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



3D1D2E



1D3D2C

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.



002E2F



3D1D2E



192C14

Square

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



3D1D2E



35250C



032E21



002B41

Rectangle

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



3D1D2E



3F1E18



032E21



002E37

Sweetspot

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



3D1D2E



4F4249



2C1D3D



292125



A8A8A8



292929

Same Dimension

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



3D1D2E



4F1D38



3D1D1E



1F1C1D



5E0032



DE0076

Inverse Universe

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



3D1D2E



4F1D38



1D3D3C



1F1C1D



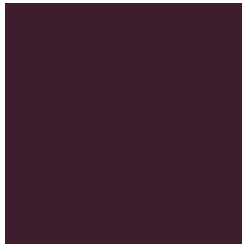
5E0032



DE0076

Previews

White Background



This preview shows how the Hex color 3D1D2E 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

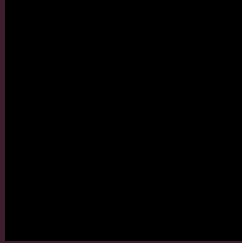
Any Text WCAG AA × Fail

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 3D1D2E Background



This preview shows how black text looks on a background with the Hex color 3D1D2E.



This preview shows how white text looks on a background with the Hex color 3D1D2E.

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

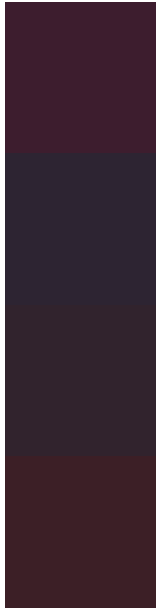


Original Color
3D1D2E

Protanopia
242835

Deuteranopia
2A272C

Trichromacy



Original Color
3D1D2E

Protanomaly
2D2432

Deuteranomaly
31232D

Tritanomaly
3C1F26

Monochromacy



Original Color
3D1D2E

Achromatopsia
292929

Achromatomaly
30252B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1D2E 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 #3D1D2E looks like.

```
.text, #text, p{  
    color:#3D1D2E  
}
```

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 #3D1D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1D2E
}
```

Border

The CSS property to change the border of an element to Hex 3D1D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

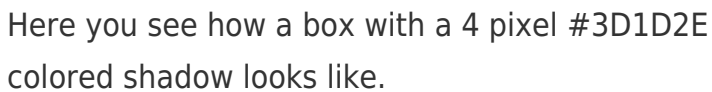
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D1D2E }
```

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

```
.border{ border-color:#3D1D2E }
```

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



Here you see how a box with a 4 pixel #3D1D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1D2E; -webkit-box-shadow:4px 4px  
4px 4px #3D1D2E; box-shadow:4px 4px 4px  
4px #3D1D2E }
```

Background

The CSS property to change the background color of an element to Hex 3D1D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1D2E }
```

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

```
.background{ background-color:#3D1D2E }
```

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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