

Converting Colors

Hex(2D1C01)

Have a look what the booklet for
Hex(2D1C01) contains.

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Color

Hex(2D1C01)

Conversions

Conversions Part 1

Format	Color
Hex	2D1C01
RGB	45, 28, 1
RGB Percent	18%, 11%, 0%
CMY	0.8235, 0.8902, 0.9961
CMYK	0.00, 0.38, 0.98, 0.82
HSL	37°, 96%, 9%
HSV	37°, 98%, 18%
XYZ	1.5029, 1.3906, 0.2179
YIQ	30.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

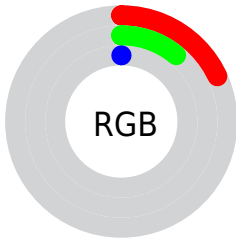
Format	Color
RYB	29, 45, 1
Decimal	2956289
CIELab	11.89, 5.26, 17.39
CIELCh	12, 18.170, 73.168
Yxy	1.3906, 0.4830, 0.4469
Android (android.graphics.Color)	4281146369 (0xFF2D1C01)
YUV	30.0050, -14.2995, 13.1506
Hunter-Lab	11.7923, 2.1131, 7.1590

Details

The Hex color **2D1C01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01122D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5C4730**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1C00**, and if you desaturate by 10%, it is **2D1E06**.

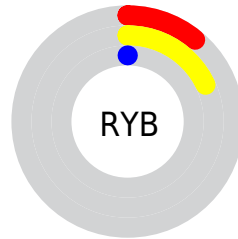
Distribution



Red (18%)

Green (11%)

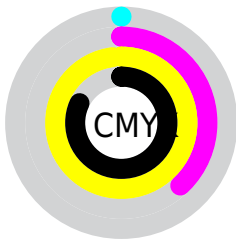
Blue (0%)



Red (11%)

Yellow (18%)

Blue (0%)

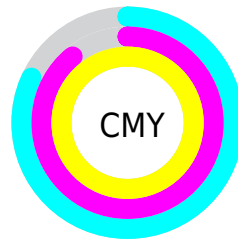


Cyan (0%)

Magenta (38%)

Yellow (98%)

Black (82%)



Cyan (82%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1C01 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 2D1C01 by changing the saturation by 10% instead.

 2D1C01

 2D1C01

 FFFFE3

 150200

 5C4730

 000000

 755F47

 8F785E

 AA9177

 C6AC91

 E2C7AB

 FFE3C7

 2D1C01

 2D1C01

■ 2D1C00

■ 2D1E06

■ 2D1F0A

■ 2D210F

■ 2D2313

■ 2D2518

■ 2D261C

■ 2D2821

■ 2D2A25

■ 2D2C2A

Harmonies

Analogous

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



34170D



2D1C01



222000

Triad

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



2D1C01



002625



271A32

Complementary

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



2D1C01



01122D

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.



131F38



2D1C01



002530

Square

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



2D1C01



002518



002337



331527

Rectangle

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



2D1C01



192205



002337



221B34

Sweetspot

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



2D1C01



3B342A



2D0113



1F1A14



9E9E9E



1F1F1F

Same Dimension

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



2D1C01



3B2400



292D01



171615



573500



D68300

Inverse Universe

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



01122D



00173B



05012D



151617



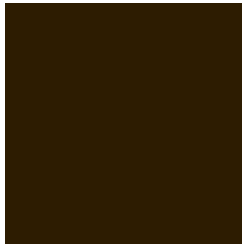
002157



0053D6

Previews

White Background



This preview shows how the Hex color 2D1C01 looks on a white background.

Color Contrast Check

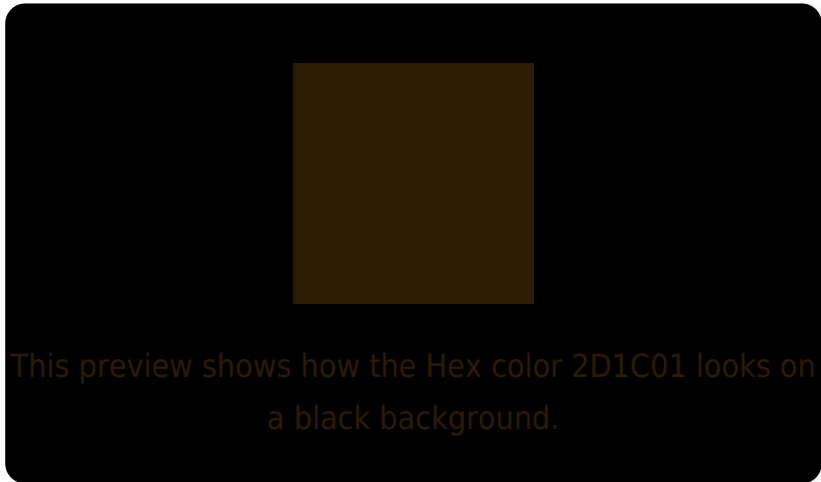
Large Text (above 18pt) WCAG AA ✓ Pass

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

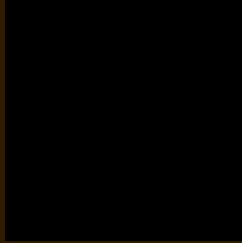
Any Text WCAG AA × Fail

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 2D1C01 Background



This preview shows how black text looks on a background with the Hex color 2D1C01.

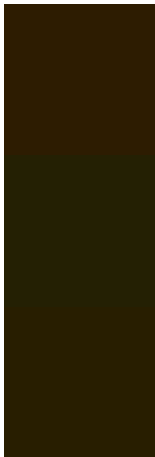


This preview shows how white text looks on a background with the Hex color 2D1C01.

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

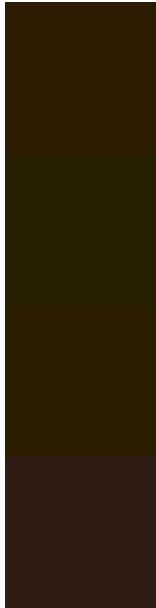


Original Color
2D1C01

Protanopia
242003

Deuteranopia
281E00

Trichromacy



Original Color
2D1C01

Protanomaly
271F02

Deuteranomaly
2A1D00

Tritanomaly
2E1B12

Monochromacy



Original Color
2D1C01

Achromatopsia
1E1E1E

Achromatomaly
231D13

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1C01 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 #2D1C01 looks like.

```
.text, #text, p{  
    color:#2D1C01  
}
```

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 #2D1C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1C01
}
```

Border

The CSS property to change the border of an element to Hex 2D1C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

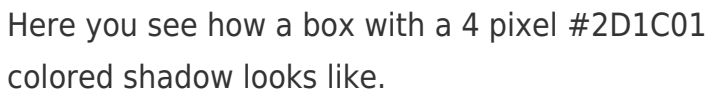
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1C01 }
```

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

```
.border{ border-color:#2D1C01 }
```

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



Here you see how a box with a 4 pixel #2D1C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1C01; -webkit-box-shadow:4px 4px  
4px 4px #2D1C01; box-shadow:4px 4px 4px  
4px #2D1C01 }
```

Background

The CSS property to change the background color of an element to Hex 2D1C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1C01 }
```

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

```
.background{ background-color:#2D1C01 }
```

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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