

Converting Colors

Hex(2D1301)

Have a look what the booklet for
Hex(2D1301) contains.

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Color

Hex(2D1301)

Conversions

Conversions Part 1

Format	Color
Hex	2D1301
RGB	45, 19, 1
RGB Percent	18%, 7%, 0%
CMY	0.8235, 0.9255, 0.9961
CMYK	0.00, 0.58, 0.98, 0.82
HSL	25°, 96%, 9%
HSV	25°, 98%, 18%
XYZ	1.3205, 1.0258, 0.1571
YIQ	24.7220, 21.2740, -0.0860

Conversions

Conversions Part 2

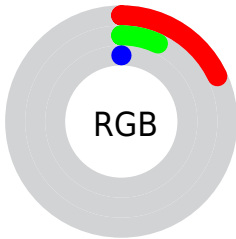
Format	Color
RYB	45, 31, 1
Decimal	2953985
CIELab	9.20, 11.56, 13.62
CIElCh	9, 17.866, 49.684
Yxy	1.0258, 0.5275, 0.4098
Android (android.graphics.Color)	4281144065 (0xFF2D1301)
YUV	24.7220, -11.6949, 17.7838
Hunter-Lab	10.1283, 5.5485, 6.1700

Details

The Hex color **2D1301** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **011B2D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5C3E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1200**, and if you desaturate by 10%, it is **2D1606**.

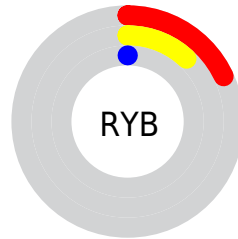
Distribution



Red (18%)

Green (7%)

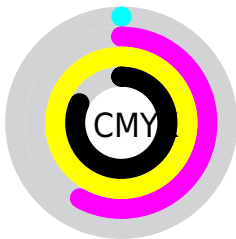
Blue (0%)



Red (18%)

Yellow (12%)

Blue (0%)

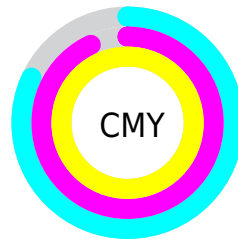


Cyan (0%)

Magenta (58%)

Yellow (98%)

Black (82%)



Cyan (82%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1301 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 2D1301 by changing the saturation by 10% instead.

 2D1301

 2D1301

 FFF4E3

 130000

 5C3E30

 000000

 765547

 906D5E

 AB8777

 C7A191

 E3BCAB

 FFD8C7

 2D1301

 2D1301

■ 2D1200

■ 2D1606

■ 2D180A

■ 2D1B0F

■ 2D1E13

■ 2D2018

■ 2D231C

■ 2D2621

■ 2D2825

■ 2D2B2A

Harmonies

Analogous

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



301012



2D1301



251800

Triad

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



2D1301



002015



131830

Complementary

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



2D1301



011B2D

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.



001C31



2D1301



002022

Square

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



2D1301



0B1E05



001F2C



241329

Rectangle

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



2D1301



1E1A00



001F2C



0A1A31

Sweetspot

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



2D1301



3B312A



2D011B



1F1814



9E9E9E



1F1F1F

Same Dimension

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



2D1301



3B1800



2D2901



171615



572300



D65800

Inverse Universe

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



011B2D



00233B



01052D



151617



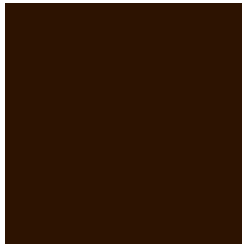
003357



007FD6

Previews

White Background



This preview shows how the Hex color 2D1301 looks on a white background.

Color Contrast Check

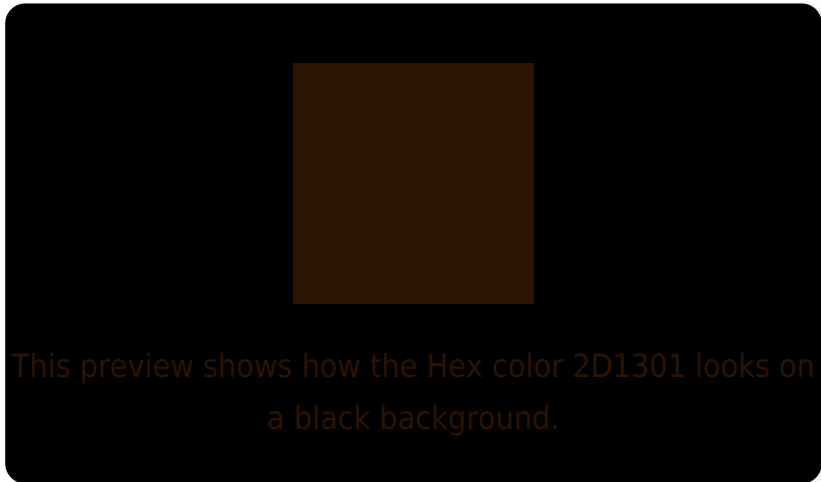
Large Text (above 18pt) WCAG AA ✓ Pass

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

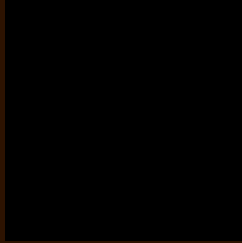
Any Text WCAG AA × Fail

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 2D1301 Background



This preview shows how black text looks on a background with the Hex color 2D1301.

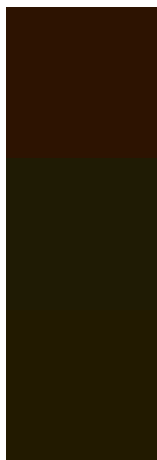


This preview shows how white text looks on a background with the Hex color 2D1301.

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
2D1301

Protanopia
1F1B04

Deuteranopia
221A00

Trichromacy



Original Color
2D1301

Protanomaly
241803

Deuteranomaly
261700

Tritanomaly
2D120C

Monochromacy



Original Color
2D1301

Achromatopsia
191919

Achromatomaly
201710

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1301 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 #2D1301 looks like.

```
.text, #text, p{  
    color:#2D1301  
}
```

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 #2D1301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1301
}
```

Border

The CSS property to change the border of an element to Hex 2D1301 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
#2D1301 }
```

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

```
.border{ border-color:#2D1301 }
```

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

Here you see how a box with a 4 pixel #2D1301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1301; -webkit-box-shadow:4px 4px  
4px 4px #2D1301; box-shadow:4px 4px 4px  
4px #2D1301 }
```

Background

The CSS property to change the background color of an element to Hex 2D1301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1301 }
```

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

```
.background{ background-color:#2D1301 }
```

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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