

Converting Colors

Hex(2D2100)

Have a look what the booklet for
Hex(2D2100) contains.

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Color

Hex(2D2100)

Conversions

Conversions Part 1

Format	Color
Hex	2D2100
RGB	45, 33, 0
RGB Percent	18%, 13%, 0%
CMY	0.8235, 0.8706, 1.0000
CMYK	0.00, 0.27, 1.00, 0.82
HSL	44°, 100%, 9%
HSV	44°, 100%, 18%
XYZ	1.6260, 1.6456, 0.2319
YIQ	32.8260, 17.7450, -7.7190

Conversions

Conversions Part 2

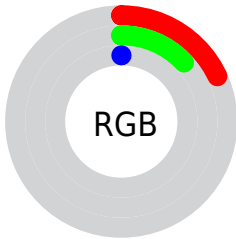
Format	Color
RYB	16, 45, 0
Decimal	2957568
CIELab	13.51, 1.66, 19.97
CIELCh	14, 20.036, 85.255
Yxy	1.6456, 0.4641, 0.4697
Android (android.graphics.Color)	4281147648 (0xFF2D2100)
YUV	32.8260, -16.1832, 10.6766
Hunter-Lab	12.8281, 0.1769, 7.9077

Details

The Hex color **2D2100** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000C2D**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5C4D2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2100**, and if you desaturate by 10%, it is **2D2204**.

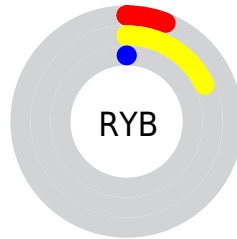
Distribution



Red (18%)

Green (13%)

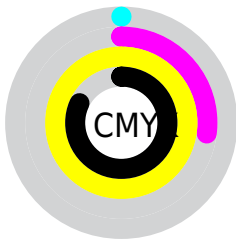
Blue (0%)



Red (6%)

Yellow (18%)

Blue (0%)

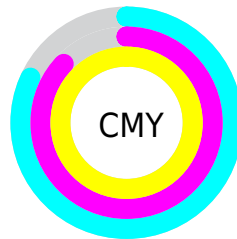


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2100 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 2D2100 by changing the saturation by 10% instead.

 2D2100

 2D2100

 FFFFE2

 150B00

 5C4D2F

 000000

 756546

 8F7E5E

 AA9876

 C6B290

 E2CEAB

 FFEAC6

 2D2100

■ 2D2204

■ 2D2309

■ 2D250E

■ 2D2612

■ 2D2717

■ 2D281B

■ 2D2920

■ 2D2B24

■ 2D2C29

Harmonies

Analogous

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



371C09



2D2100



1F2504

Triad

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



2D2100



00292E



321A33

Complementary

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



2D2100



000C2D

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.



1F203C



2D2100



002839

Square

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



2D2100



002920



00253E



3B1625

Rectangle

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



2D2100



14270D



00253E



2D1C36

Sweetspot

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



2D2100



3B3629



2D000C



1F1C14



9E9E9E



1F1F1F

Same Dimension

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



2D2100



3B2B00



232D00



171615



574000



D69D00

Inverse Universe

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



000C2D



00103B



0B002D



151517



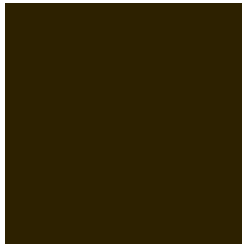
001757



0039D6

Previews

White Background



This preview shows how the Hex color 2D2100 looks on a white background.

Color Contrast Check

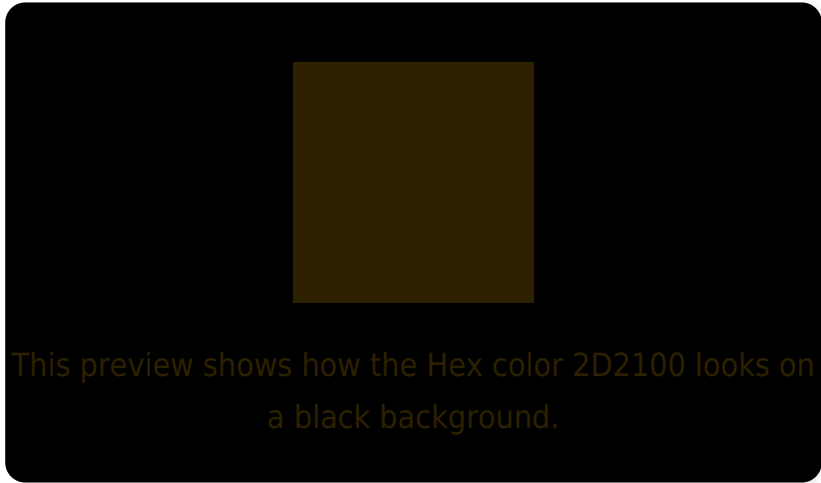
Large Text (above 18pt) WCAG AA ✓ Pass

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

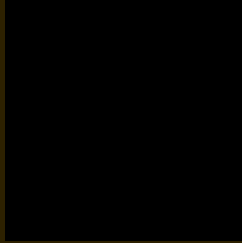
Any Text WCAG AA × Fail

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 2D2100 Background



This preview shows how black text looks on a background with the Hex color 2D2100.

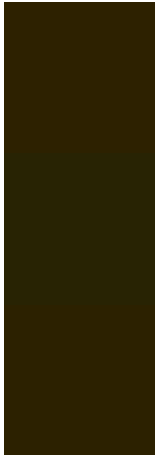


This preview shows how white text looks on a background with the Hex color 2D2100.

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
2D2100

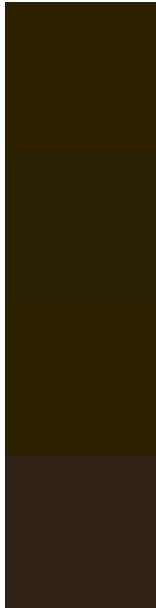
Protanopia
282303

Deuteranopia
2C2100



Tritanopia
2F1F21

Trichromacy



Original Color
2D2100

Protanomaly
2A2202

Deuteranomaly
2C2100

Tritanomaly
2E2015

Monochromacy



Original Color
2D2100

Achromatopsia
212121

Achromatomaly
252115

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2100 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 #2D2100 looks like.

```
.text, #text, p{  
    color:#2D2100  
}
```

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 #2D2100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2100  
}
```

Border

The CSS property to change the border of an element to Hex 2D2100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

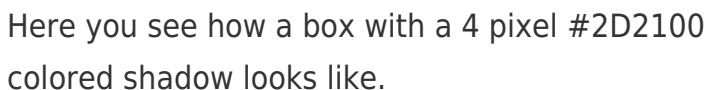
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2D2100 }
```

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

```
.border{ border-color:#2D2100 }
```

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



Here you see how a box with a 4 pixel #2D2100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2100; -webkit-box-shadow:4px 4px  
4px 4px #2D2100; box-shadow:4px 4px 4px  
4px #2D2100 }
```

Background

The CSS property to change the background color of an element to Hex 2D2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2100 }
```

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

```
.background{ background-color:#2D2100 }
```

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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