

Converting Colors

Hex(2D240D)

Have a look what the booklet for
Hex(2D240D) contains.

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Color

Hex(2D240D)

Conversions

Conversions Part 1

Format	Color
Hex	2D240D
RGB	45, 36, 13
RGB Percent	18%, 14%, 5%
CMY	0.8235, 0.8588, 0.9490
CMYK	0.00, 0.20, 0.71, 0.82
HSL	43°, 55%, 11%
HSV	43°, 71%, 18%
XYZ	1.7857, 1.8487, 0.6435
YIQ	36.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

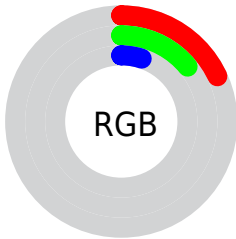
Format	Color
R_{YB}	26, 45, 13
Decimal	2958349
CIE Lab	14.67, 0.71, 16.09
CIE LCh	15, 16.109, 87.464
Yxy	1.8487, 0.4174, 0.4322
Android (android.graphics.Color)	4281148429 (0xFF2D240D)
YUV	36.0690, -11.3730, 7.8325
Hunter-Lab	13.5967, -0.3510, 6.7117

Details

The Hex color **2D240D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D162D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5C5038**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2309**, and if you desaturate by 10%, it is **2D2512**.

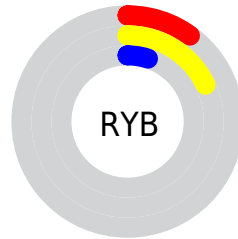
Distribution



Red (18%)

Green (14%)

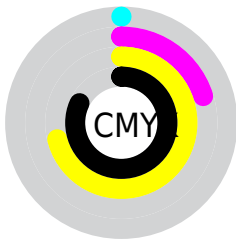
Blue (5%)



Red (10%)

Yellow (18%)

Blue (5%)

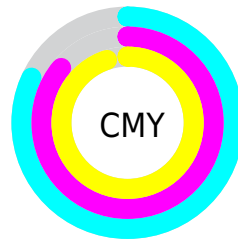


Cyan (0%)

Magenta (20%)

Yellow (71%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D240D 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 2D240D by changing the saturation by 10% instead.

 2D240D

 2D240D

 FFFFD

 170F00

 5C5038

 000000

 75684F

 8F8167

 A99B80

 C5B69A

 E1D2B5

 FEEED1

 2D240D

 2D240D

■ 2D2309

■ 2D2512

■ 2D2104

■ 2D2716

■ 2D2000

■ 2D281B

■ 2D291F

■ 2D2A24

■ 2D2C28

■ 2D2D2D

■ 2D2E31

■ 2D2F36

Harmonies

Analogous

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



362012



2D240D



222710

Triad

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



2D240D



002B2F



321E31

Complementary

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



2D240D



0D162D

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.



252239



2D240D



002938

Square

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



2D240D



022B24



10263B



391C26

Rectangle

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



2D240D



192915



10263B



2E2034

Sweetspot

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



2D240D



3B372E



2D0D16



1F1C17



9E9E9E



1F1F1F

Same Dimension

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



2D240D



3B2D09



262D0D



171615



573E00



D69A00

Inverse Universe

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



0D162D



09173B



140D2D



151517



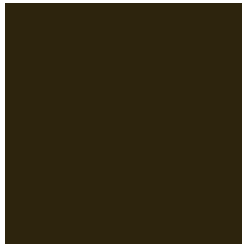
001857



003CD6

Previews

White Background



This preview shows how the Hex color 2D240D looks on a white background.

Color Contrast Check

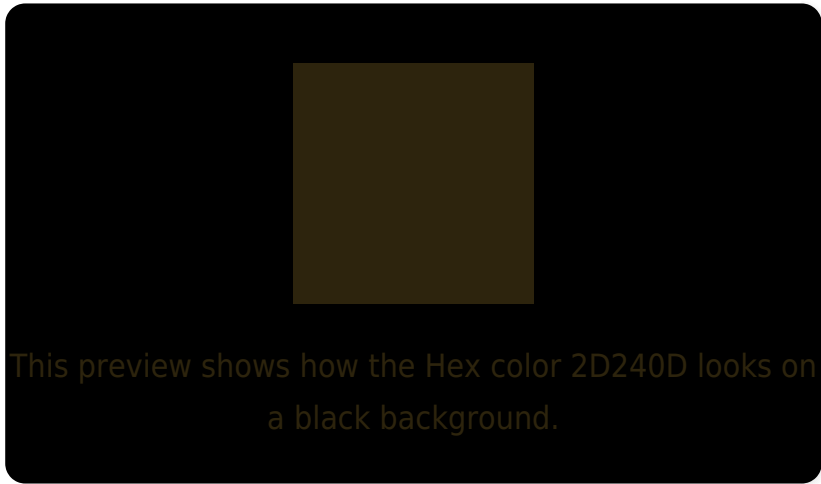
Large Text (above 18pt) WCAG AA ✓ Pass

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

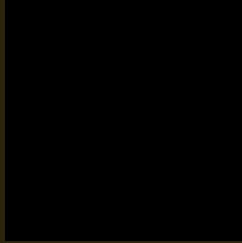
Any Text WCAG AA × Fail

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 2D240D Background



This preview shows how black text looks on a background with the Hex color 2D240D.

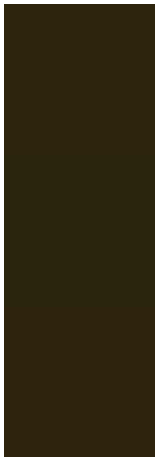


This preview shows how white text looks on a background with the Hex color 2D240D.

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

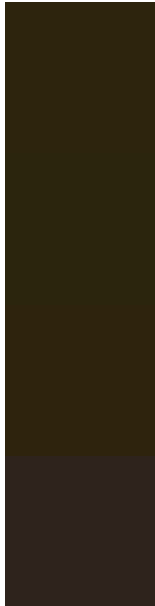


Original Color
2D240D

Protanopia
2A250D

Deuteranopia
2E230D

Trichromacy



Original Color
2D240D

Protanomaly
2B250D

Deuteranomaly
2E230D

Tritanomaly
2E231C

Monochromacy



Original Color
2D240D

Achromatopsia
242424

Achromatomaly
27241C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D240D 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 #2D240D looks like.

```
.text, #text, p{  
    color:#2D240D  
}
```

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 #2D240D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D240D
}
```

Border

The CSS property to change the border of an element to Hex 2D240D is called "border". The border property can be set on classes, ids or directly on the HTML element.

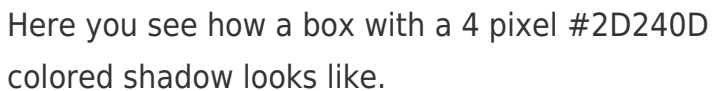
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D240D }
```

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

```
.border{ border-color:#2D240D }
```

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



Here you see how a box with a 4 pixel #2D240D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D240D; -webkit-box-shadow:4px 4px  
4px 4px #2D240D; box-shadow:4px 4px 4px  
4px #2D240D }
```

Background

The CSS property to change the background color of an element to Hex 2D240D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D240D }
```

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

```
.background{ background-color:#2D240D }
```

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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