

Converting Colors

Hex(2D212C)

Have a look what the booklet for
Hex(2D212C) contains.

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Color

Hex(2D212C)

Conversions

Conversions Part 1

Format	Color
Hex	2D212C
RGB	45, 33, 44
RGB Percent	18%, 13%, 17%
CMY	0.8235, 0.8706, 0.8275
CMYK	0.00, 0.27, 0.02, 0.82
HSL	305°, 15%, 15%
HSV	305°, 27%, 18%
XYZ	2.0807, 1.8275, 2.6259
YIQ	37.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

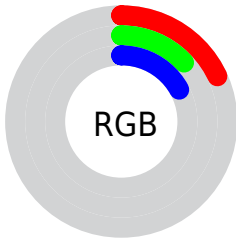
Format	Color
R_{YB}	45, 33, 44
Decimal	2957612
CIE Lab	14.55, 8.17, -5.10
CIE LCh	15, 9.633, 328.008
Yxy	1.8275, 0.3184, 0.2797
Android (android.graphics.Color)	4281147692 (0xFF2D212C)
YUV	37.8420, 3.0359, 6.2776
Hunter-Lab	13.5183, 3.8167, -2.0543

Details

The Hex color **2D212C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212D22**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5B4D59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1D2C**, and if you desaturate by 10%, it is **2D262C**.

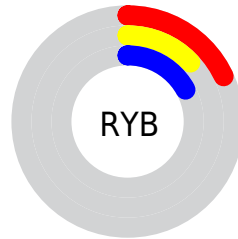
Distribution



 Red (18%)

 Green (13%)

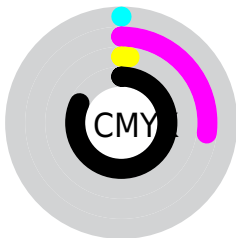
 Blue (17%)



 Red (18%)

 Yellow (13%)

 Blue (17%)

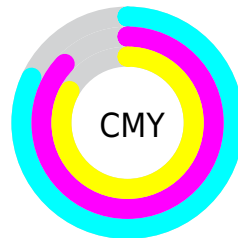


 Cyan (0%)

 Magenta (27%)

 Yellow (2%)

 Black (82%)



 Cyan (82%)

 Magenta (87%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D212C 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 2D212C by changing the saturation by 10% instead.

■ 2D212C

■ 2D212C

FFFFFF

■ 190B18

■ 5B4D59

■ 000000

■ 736572

■ 8D7E8B

■ A798A6

■ C3B3C1

■ DFCEDD

■ FBEBF9

■ 2D212C

■ 2D212C

■ 2D1D2C

■ 2D262C

■ 2D182B

■ 2D2A2D

■ 2D132B

■ 2D2F2D

■ 2D0F2B

■ 2D332E

■ 2D0A2A

■ 2D382E

■ 2D062A

■ 2D3C2E

■ 2D0129

■ 2D412F

■ 2D0029

■ 2D452F

■ 2D4A2F

Harmonies

Analogous

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



252331



2D212C



322025

Triad

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



2D212C



2A2417



10282B

Complementary

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



2D212C



212D22

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.



142824



2D212C



232619

Square

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



2D212C



30221A



1B281D



132730

Rectangle

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



2D212C



322021



1B281D



112929

Sweetspot

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



2D212C



3B363A



22212D



1F1C1E



9E9E9E



1F1F1F

Same Dimension

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



2D212C



3B2839



2D2126



171517



57004F



D600C4

Inverse Universe

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



2D212C



3B2839



212D28



171517



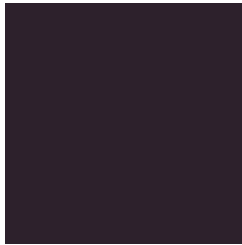
57004F



D600C4

Previews

White Background



This preview shows how the Hex color 2D212C looks on a white background.

Color Contrast Check

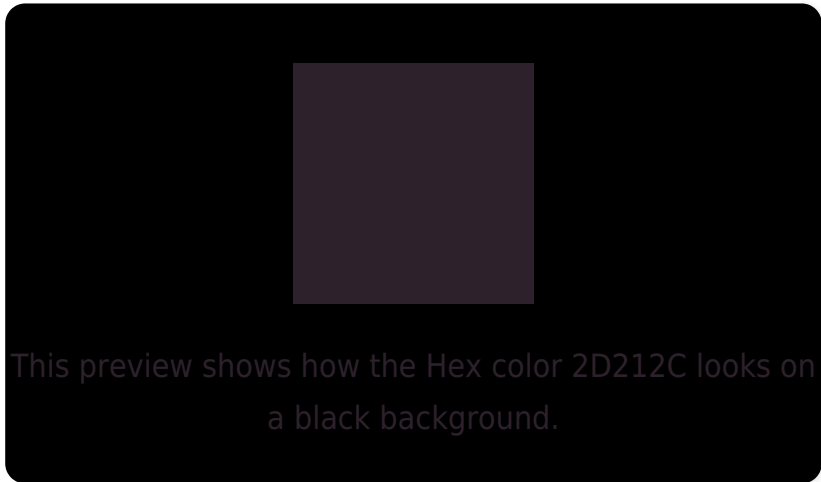
Large Text (above 18pt) WCAG AA ✓ Pass

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

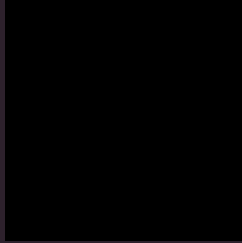
Any Text WCAG AA × Fail

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 2D212C Background



This preview shows how black text looks on a background with the Hex color 2D212C.

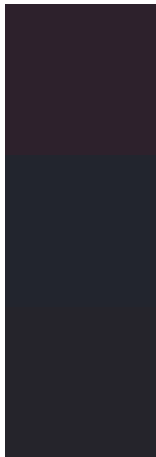


This preview shows how white text looks on a background with the Hex color 2D212C.

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
2D212C

Protanopia
22252E

Deuteranopia
25242B

Trichromacy



Original Color

2D212C

Protanomaly

26242D

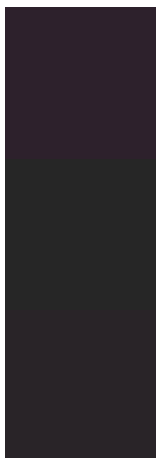
Deuteranomaly

28232B

Tritanomaly

2C2228

Monochromacy



Original Color

2D212C

Achromatopsia

262626

Achromatomaly

292428

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D212C 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 #2D212C looks like.

```
.text, #text, p{  
    color:#2D212C  
}
```

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 #2D212C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D212C
}
```

Border

The CSS property to change the border of an element to Hex 2D212C is called "border". The border property can be set on classes, ids or directly on the HTML element.

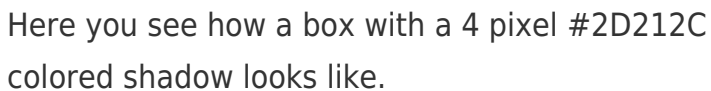
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D212C }
```

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

```
.border{ border-color:#2D212C }
```

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



Here you see how a box with a 4 pixel #2D212C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D212C; -webkit-box-shadow:4px 4px  
4px 4px #2D212C; box-shadow:4px 4px 4px  
4px #2D212C }
```

Background

The CSS property to change the background color of an element to Hex 2D212C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D212C }
```

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

```
.background{ background-color:#2D212C }
```

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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