

Converting Colors

Hex(28212C)

Have a look what the booklet for
Hex(28212C) contains.

Hex(28212C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28212C)

Conversions

Conversions Part 1

Format	Color
Hex	28212C
RGB	40, 33, 44
RGB Percent	16%, 13%, 17%
CMY	0.8431, 0.8706, 0.8275
CMYK	0.09, 0.25, 0.00, 0.83
HSL	278°, 14%, 15%
HSV	278°, 25%, 17%
XYZ	1.8736, 1.7207, 2.6162
YIQ	36.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

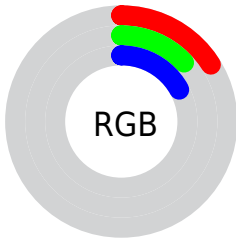
Format	Color
RYB	40, 33, 44
Decimal	2629932
CIELab	13.95, 5.98, -6.08
CIElCh	14, 8.529, 314.542
Yxy	1.7207, 0.3017, 0.2771
Android (android.graphics.Color)	4280820012 (0xFF28212C)
YUV	36.3470, 3.7729, 3.2037
Hunter-Lab	13.1175, 2.5394, -2.6430

Details

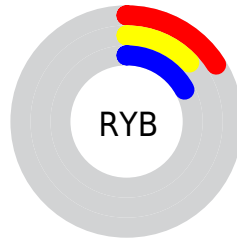
The Hex color **28212C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **252C21**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **554D59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **261D2C**, and if you desaturate by 10%, it is **2A252C**.

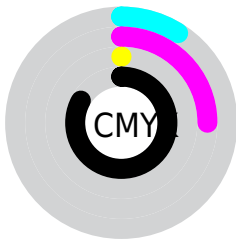
Distribution



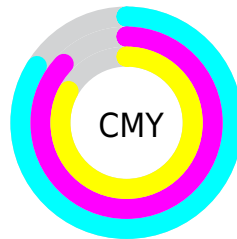
- Red (16%)
- Green (13%)
- Blue (17%)



- Red (16%)
- Yellow (13%)
- Blue (17%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28212C 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 28212C by changing the saturation by 10% instead.

■ 28212C

■ 28212C

FFFFFF

■ 140A18

■ 554D59

■ 000000

■ 6D6572

■ 877E8B

■ A198A6

■ BCB3C1

■ D8CEDD

■ F4EAF9

■ 28212C

■ 28212C

■ 261D2C

■ 2A252C

■ 25182C

■ 2B2A2C

■ 23142C

■ 2D2E2C

■ 220F2C

■ 2E332C

■ 200B2C

■ 30372C

■ 1E072C

■ 323B2C

■ 1D022C

■ 33402C

■ 1C002C

■ 35442C

■ 36492C

Harmonies

Analogous

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



20232F



28212C



2D2027

Triad

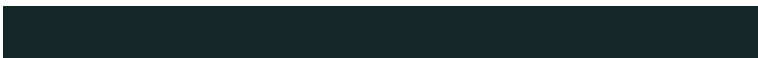
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28212C



2B2218



132726

Complementary

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



28212C



252C21

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.



182720



28212C



252418

Square

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



28212C



2F201B



1E261B



13262C

Rectangle

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



28212C



2F1F23



1E261B



142724

Sweetspot

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



28212C



363438



21252C



1B191C



9C9C9C



1C1C1C

Same Dimension

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



28212C



322738



2C212B



161517



370057



8800D6

Inverse Universe

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



2C2125



38272D



212C22



171515



570020



D6004E

Previews

White Background



This preview shows how the Hex color 28212C looks on a white background.

Color Contrast Check

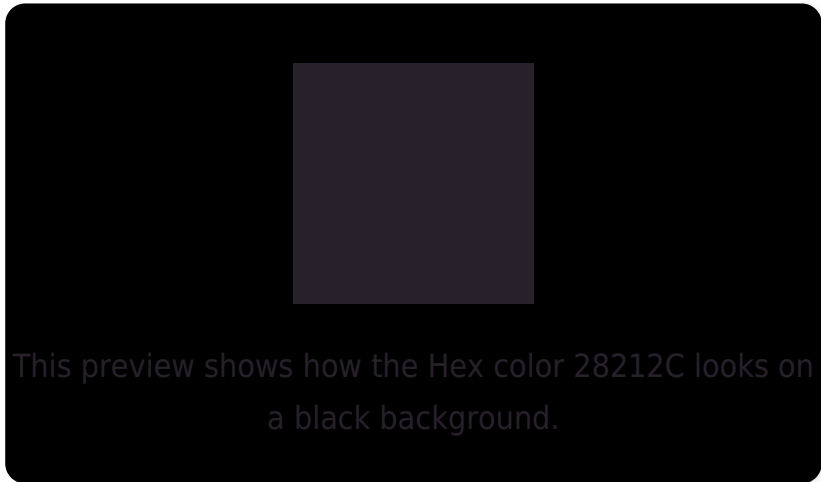
Large Text (above 18pt) WCAG AA ✓ Pass

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

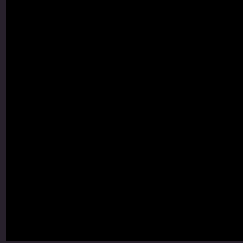
Any Text WCAG AA × Fail

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 28212C Background



This preview shows how black text looks on a background with the Hex color 28212C.

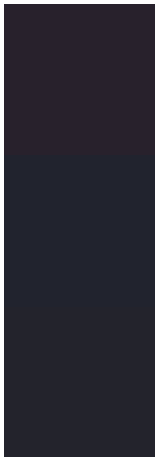


This preview shows how white text looks on a background with the Hex color 28212C.

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
28212C

Protanopia
21232E

Deuteranopia
23232C



Tritanopia
272225

Trichromacy



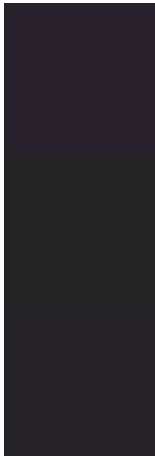
Original Color
28212C

Protanomaly
24222D

Deuteranomaly
25222C

Tritanomaly
272228

Monochromacy



Original Color
28212C

Achromatopsia
242424

Achromatomaly
252327

CSS Examples

Text

The CSS property to change the color of the text to Hex 28212C 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 #28212C looks like.

```
.text, #text, p{  
    color:#28212C  
}
```

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 #28212C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28212C  
}
```

Border

The CSS property to change the border of an element to Hex 28212C is called "border". The border property can be set on classes, ids or directly on the HTML element.

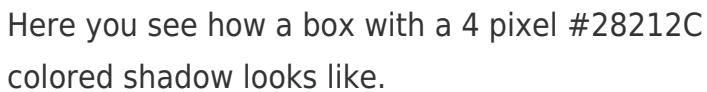
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#28212C }
```

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

```
.border{ border-color:#28212C }
```

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



Here you see how a box with a 4 pixel #28212C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28212C; -webkit-box-shadow:4px 4px  
4px 4px #28212C; box-shadow:4px 4px 4px  
4px #28212C }
```

Background

The CSS property to change the background color of an element to Hex 28212C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28212C }
```

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

```
.background{ background-color:#28212C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor