

Converting Colors

Hex(29212B)

Have a look what the booklet for
Hex(29212B) contains.

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Color

Hex(29212B)

Conversions

Conversions Part 1

Format	Color
Hex	29212B
RGB	41, 33, 43
RGB Percent	16%, 13%, 17%
CMY	0.8392, 0.8706, 0.8314
CMYK	0.05, 0.23, 0.00, 0.83
HSL	288°, 13%, 15%
HSV	288°, 23%, 17%
XYZ	1.8944, 1.7335, 2.5203
YIQ	36.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

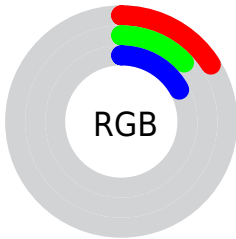
Format	Color
R_{YB}	41, 33, 43
Decimal	2695467
CIE Lab	14.02, 6.16, -5.24
CIE LCh	14, 8.084, 319.633
Yxy	1.7335, 0.3081, 0.2820
Android (android.graphics.Color)	4280885547 (0xFF29212B)
YUV	36.5320, 3.1887, 3.9184
Hunter-Lab	13.1664, 2.6409, -2.1326

Details

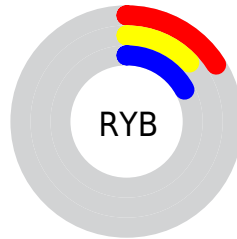
The Hex color **29212B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232B21**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **564D58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281D2B**, and if you desaturate by 10%, it is **2A252B**.

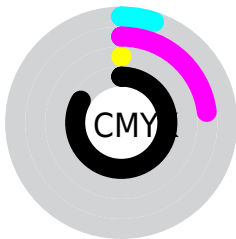
Distribution



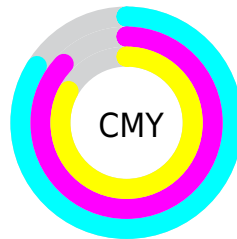
- Red (16%)
- Green (13%)
- Blue (17%)



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



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 29212B 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 29212B by changing the saturation by 10% instead.



29212B



29212B

FFFFFF



150A17



564D58



000000



6F6571



887E8A



A298A5



BDB3C0



D9CEDB



F6EAF8



29212B



29212B

■ 281D2B

■ 2A252B

■ 27182B

■ 2B2A2B

■ 26142B

■ 2C2E2B

■ 26102B

■ 2C322B

■ 250C2B

■ 2D372B

■ 24072B

■ 2E3B2B

■ 23032B

■ 2F3F2B

■ 22002B

■ 30432B

■ 31482B

Harmonies

Analogous

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



22232E



29212B



2E2026

Triad

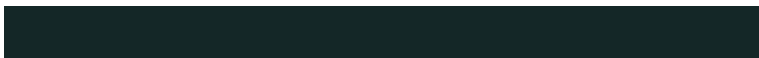
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29212B



2A2319



142727

Complementary

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



29212B



232B21

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.



182721



29212B



242419

Square

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



29212B



2E211B



1E261C



15262C

Rectangle

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



29212B



2F2022



1E261C



152725

Sweetspot

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



29212B



373438



21232B



1C1A1C



9C9C9C



1C1C1C

Same Dimension

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



29212B



352838



2B2128



141214



430054



A900D4

Inverse Universe

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



2B2123



38282C



212B24



141213



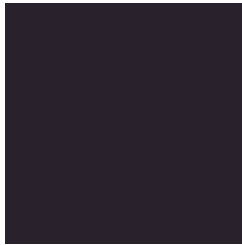
540011



D4002A

Previews

White Background



This preview shows how the Hex color 29212B looks on a white background.

Color Contrast Check

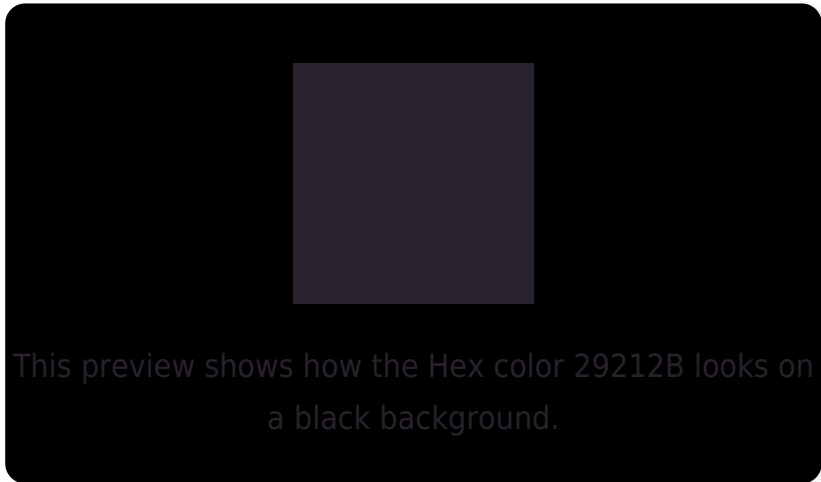
Large Text (above 18pt) WCAG AA ✓ Pass

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

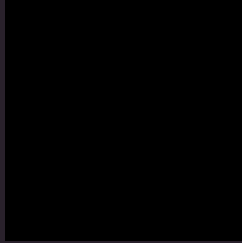
Any Text WCAG AA × Fail

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 29212B Background



This preview shows how black text looks on a background with the Hex color 29212B.



This preview shows how white text looks on a background with the Hex color 29212B.

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
29212B

Protanopia
22232D

Deuteranopia
24232B



Tritanopia
282225

Trichromacy



Original Color

29212B

Protanomaly

25222C

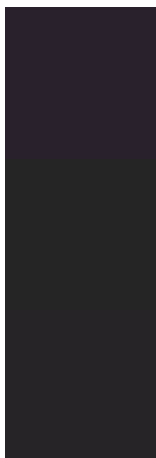
Deuteranomaly

26222B

Tritanomaly

282227

Monochromacy



Original Color

29212B

Achromatopsia

252525

Achromatomaly

262427

CSS Examples

Text

The CSS property to change the color of the text to Hex 29212B 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 #29212B looks like.

```
.text, #text, p{  
    color:#29212B  
}
```

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 #29212B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29212B  
}
```

Border

The CSS property to change the border of an element to Hex 29212B is called "border". The border property can be set on classes, ids or directly on the HTML element.

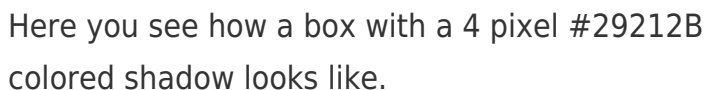
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#29212B }
```

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

```
.border{ border-color:#29212B }
```

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



Here you see how a box with a 4 pixel #29212B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29212B; -webkit-box-shadow:4px 4px  
4px 4px #29212B; box-shadow:4px 4px 4px  
4px #29212B }
```

Background

The CSS property to change the background color of an element to Hex 29212B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29212B }
```

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

```
.background{ background-color:#29212B }
```

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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