

Converting Colors

Hex(28262B)

Have a look what the booklet for
Hex(28262B) contains.

Hex(28262B)	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(28262B)

Conversions

Conversions Part 1

Format	Color
Hex	28262B
RGB	40, 38, 43
RGB Percent	16%, 15%, 17%
CMY	0.8431, 0.8510, 0.8314
CMYK	0.07, 0.12, 0.00, 0.83
HSL	264°, 6%, 16%
HSV	264°, 12%, 17%
XYZ	2.0042, 2.0118, 2.5682
YIQ	39.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

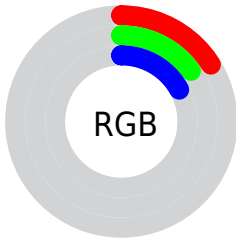
Format	Color
R_{YB}	40, 38, 43
Decimal	2631211
CIE Lab	15.55, 2.15, -2.96
CIE LCh	16, 3.660, 305.966
Yxy	2.0118, 0.3044, 0.3055
Android (android.graphics.Color)	4280821291 (0xFF28262B)
YUV	39.1680, 1.8892, 0.7297
Hunter-Lab	14.1837, 0.4017, -0.8068

Details

The Hex color **28262B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292B26**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **555358**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25222B**, and if you desaturate by 10%, it is **2B2A2B**.

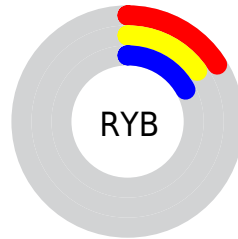
Distribution



Red (16%)

Green (15%)

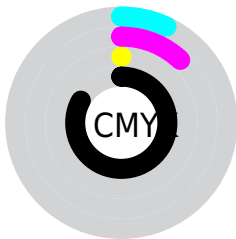
Blue (17%)



Red (16%)

Yellow (15%)

Blue (17%)

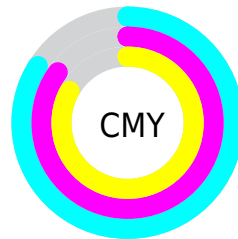


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (83%)



Cyan (84%)

Magenta (85%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28262B 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 28262B by changing the saturation by 10% instead.

■ 28262B

■ 28262B

FFFFFF

■ 141117

■ 555358

■ 000000

■ 6D6B71

■ 87848A

■ A19EA4

■ BCB9C0

■ D7D5DB

■ F4F1F8

■ 28262B

■ 28262B

■ 25222B

■ 2B2A2B

■ 231D2B

■ 2D2F2B

■ 20192B

■ 30332B

■ 1E152B

■ 32372B

■ 1B102B

■ 353C2B

■ 190C2B

■ 37402B

■ 16082B

■ 3A442B

■ 13042B

■ 3D482B

■ 11002B

■ 3F4D2B

Harmonies

Analogous

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



25272C



28262B



2B2529

Triad

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



28262B



2B2622



212827

Complementary

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



28262B



292B26

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.



232825



28262B



282722

Square

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



28262B



2C2524



252823



20282A

Rectangle

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



28262B



2C2527



252823



212826

Sweetspot

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



28262B



373638



26292B



1B1B1C



9C9C9C



1C1C1C

Same Dimension

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



28262B



333038



2A262B



131214



220054



5500D4

Inverse Universe

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



2B2629



383035



272B26



141214



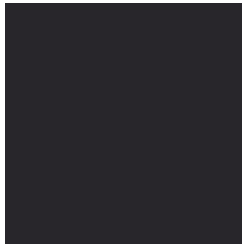
540032



D4007F

Previews

White Background



This preview shows how the Hex color 28262B looks on a white background.

Color Contrast Check

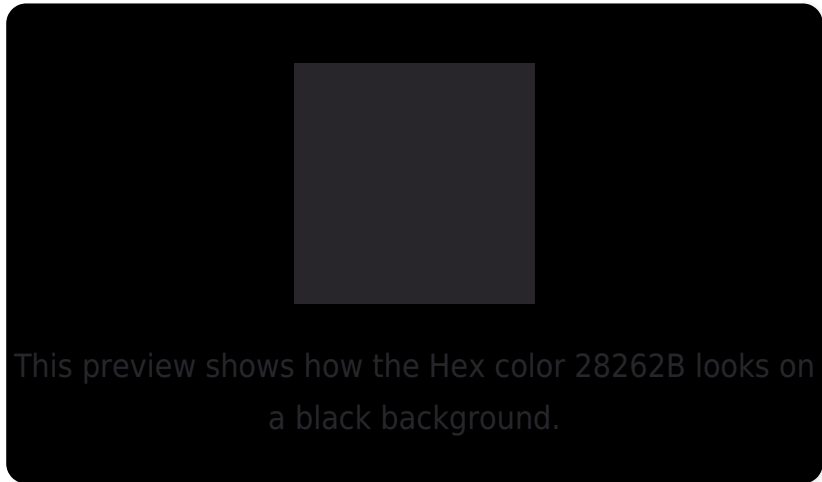
Large Text (above 18pt) WCAG AA ✓ Pass

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

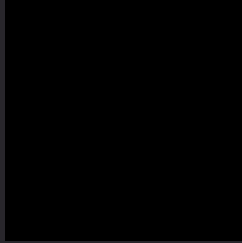
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

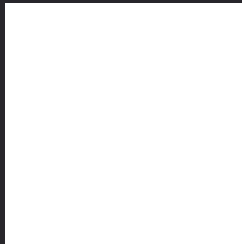
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 28262B Background



This preview shows how black text looks on a background with the Hex color 28262B.

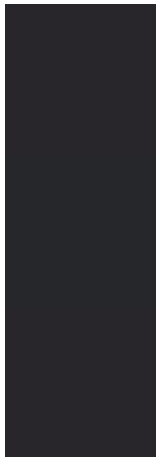


This preview shows how white text looks on a background with the Hex color 28262B.

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
28262B

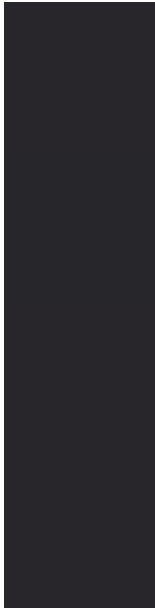
Protanopia
26272B

Deuteranopia
29262B



Tritanopia
282629

Trichromacy



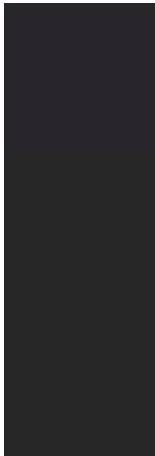
Original Color
28262B

Protanomaly
27272B

Deuteranomaly
29262B

Tritanomaly
28262A

Monochromacy



Original Color
28262B

Achromatopsia
272727

Achromatomaly
272728

CSS Examples

Text

The CSS property to change the color of the text to Hex 28262B 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 #28262B looks like.

```
.text, #text, p{  
    color:#28262B  
}
```

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 #28262B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28262B
}
```

Border

The CSS property to change the border of an element to Hex 28262B is called "border". The border property can be set on classes, ids or directly on the HTML element.

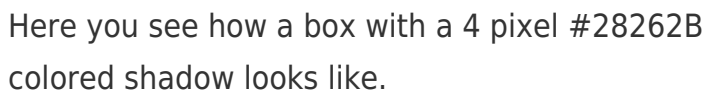
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28262B }
```

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

```
.border{ border-color:#28262B }
```

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



Here you see how a box with a 4 pixel #28262B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28262B; -webkit-box-shadow:4px 4px  
4px 4px #28262B; box-shadow:4px 4px 4px  
4px #28262B }
```

Background

The CSS property to change the background color of an element to Hex 28262B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28262B }
```

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

```
.background{ background-color:#28262B }
```

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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