

Converting Colors

Hex(28322B)

Have a look what the booklet for
Hex(28322B) contains.

Hex(28322B)	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(28322B)

Conversions

Conversions Part 1

Format	Color
Hex	28322B
RGB	40, 50, 43
RGB Percent	16%, 20%, 17%
CMY	0.8431, 0.8039, 0.8314
CMYK	0.20, 0.00, 0.14, 0.80
HSL	138°, 11%, 18%
HSV	138°, 20%, 20%
XYZ	2.4517, 2.9067, 2.7173
YIQ	46.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

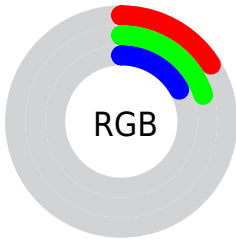
Format	Color
R_{YB}	40, 48, 50
Decimal	2634283
CIE Lab	19.67, -6.00, 3.05
CIE LCh	20, 6.730, 153.076
Yxy	2.9067, 0.3036, 0.3599
Android (android.graphics.Color)	4280824363 (0xFF28322B)
YUV	46.2120, -1.5835, -5.4479
Hunter-Lab	17.0492, -4.1672, 2.4846

Details

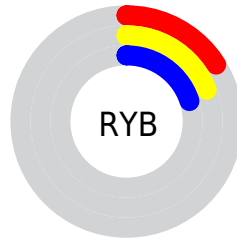
The Hex color **28322B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32282F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **556058**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **233228**, and if you desaturate by 10%, it is **2D322F**.

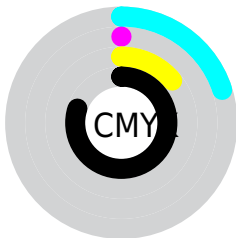
Distribution



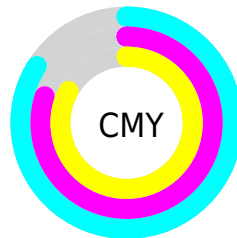
- Red (16%)
- Green (20%)
- Blue (17%)



- Red (16%)
- Yellow (19%)
- Blue (20%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28322B 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 28322B by changing the saturation by 10% instead.

■ 28322B

■ 28322B

FFFFFF

■ 141D17

■ 556058

■ 000000

■ 6D7971

■ 87938A

■ A1ADA4

■ BCC9C0

■ D8E5DB

■ F4FFF8

■ 28322B

■ 28322B

■ 233228

■ 2D322F

■ 1E3224

■ 323232

■ 193221

■ 373236

■ 14321D

■ 3C3239

■ 0F321A

■ 41323D

■ 0A3216

■ 463240

■ 053213

■ 4B3243

■ 00320F

■ 503247

■ 55324A

Harmonies

Analogous

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



2D3127



28322B



243230

Triad

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



28322B



2B3039



3A2D2A

Complementary

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



28322B



32282F

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.



392C2F



28322B



312E38

Square

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



28322B



253138



362D34



372E27

Rectangle

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



28322B



233233



362D34



3A2C2C

Sweetspot

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



28322B



3C403D



2F3228



1F2120



A1A1A1



212121

Same Dimension

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



28322B



304035



283230



171A18



00591B



00D941

Inverse Universe

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



32282F



40303B



32282A



1A1719



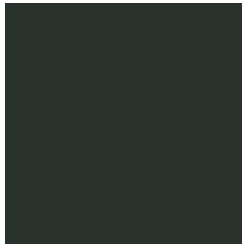
59003E



D90098

Previews

White Background



This preview shows how the Hex color 28322B looks on a white background.

Color Contrast Check

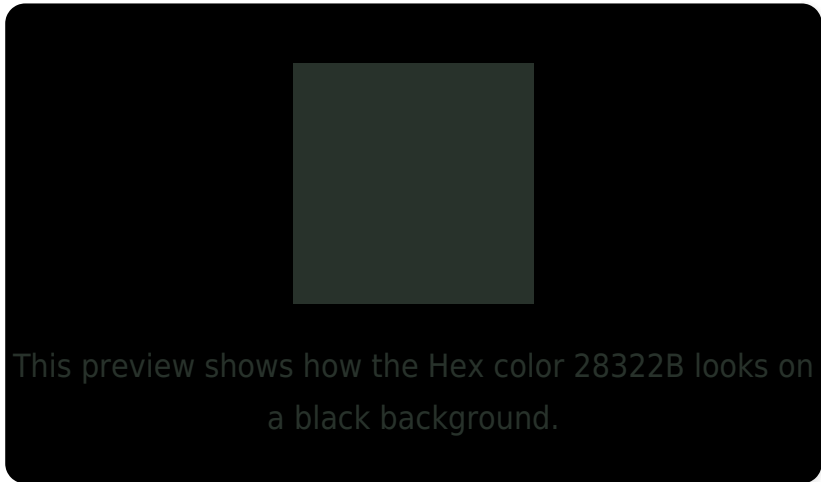
Large Text (above 18pt) WCAG AA ✓ Pass

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

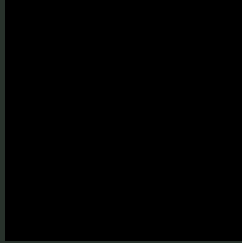
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

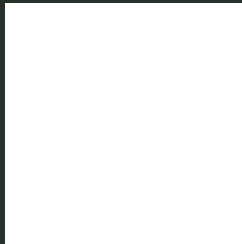
Any Text WCAG AAA × Fail

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

Hex 28322B Background



This preview shows how black text looks on a background with the Hex color 28322B.



This preview shows how white text looks on a background with the Hex color 28322B.

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](#).

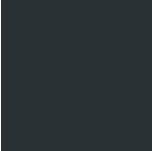
Dichromacy



Original Color
28322B

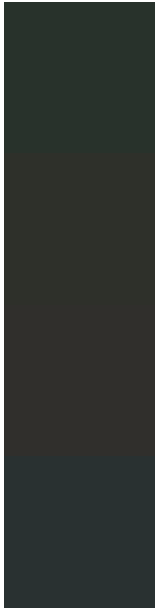
Protanopia
322F2A

Deuteranopia
352E2C



Tritanopia
2A3135

Trichromacy



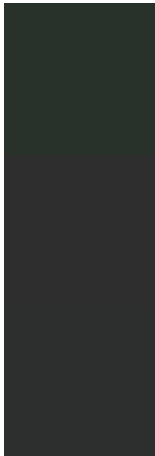
Original Color
28322B

Protanomaly
2E302A

Deuteranomaly
302F2C

Tritanomaly
293131

Monochromacy



Original Color
28322B

Achromatopsia
2E2E2E

Achromatomaly
2C2F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 28322B 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 #28322B looks like.

```
.text, #text, p{  
    color:#28322B  
}
```

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 #28322B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28322B
}
```

Border

The CSS property to change the border of an element to Hex 28322B is called "border". The border property can be set on classes, ids or directly on the HTML element.

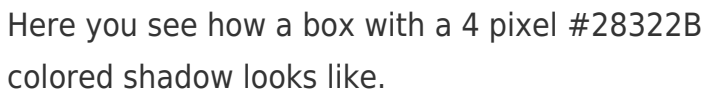
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28322B }
```

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

```
.border{ border-color:#28322B }
```

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



Here you see how a box with a 4 pixel #28322B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28322B; -webkit-box-shadow:4px 4px  
4px 4px #28322B; box-shadow:4px 4px 4px  
4px #28322B }
```

Background

The CSS property to change the background color of an element to Hex 28322B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28322B }
```

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

```
.background{ background-color:#28322B }
```

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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