

Converting Colors

Hex(2A262B)

Have a look what the booklet for
Hex(2A262B) contains.

Hex(2A262B)	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(2A262B)

Conversions

Conversions Part 1

Format	Color
Hex	2A262B
RGB	42, 38, 43
RGB Percent	16%, 15%, 17%
CMY	0.8353, 0.8510, 0.8314
CMYK	0.02, 0.12, 0.00, 0.83
HSL	288°, 6%, 16%
HSV	288°, 12%, 17%
XYZ	2.0840, 2.0529, 2.5719
YIQ	39.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

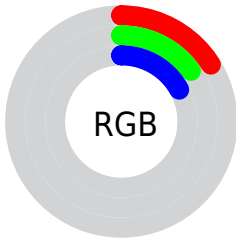
Format	Color
R_{YB}	42, 38, 43
Decimal	2762283
CIE _{Lab}	15.76, 3.04, -2.62
CIE _{LCh}	16, 4.013, 319.205
Yxy	2.0529, 0.3106, 0.3060
Android (android.graphics.Color)	4280952363 (0xFF2A262B)
YUV	39.7660, 1.5944, 1.9592
Hunter-Lab	14.3279, 0.8892, -0.6132

Details

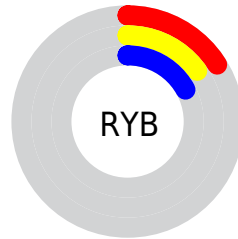
The Hex color **2A262B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272B26**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **575358**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29222B**, and if you desaturate by 10%, it is **2B2A2B**.

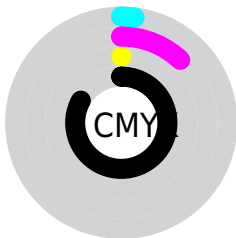
Distribution



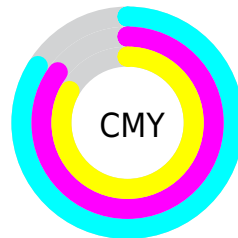
- Red (16%)
- Green (15%)
- Blue (17%)



- Red (16%)
- Yellow (15%)
- Blue (17%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (85%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A262B 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 2A262B by changing the saturation by 10% instead.

■ 2A262B

■ 2A262B

FFFFFF

■ 161117

■ 575358

■ 000000

■ 706B71

■ 89848A

■ A39EA4

■ BEB9C0

■ DAD5DB

■ F7F1F8

■ 2A262B

■ 2A262B

■ 29222B

■ 2B2A2B

■ 281D2B

■ 2C2F2B

■ 27192B

■ 2D332B

■ 27152B

■ 2D372B

■ 26102B

■ 2E3C2B

■ 250C2B

■ 2F402B

■ 24082B

■ 30442B

■ 23042B

■ 31482B

■ 22002B

■ 324D2B

Harmonies

Analogous

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



27272D



2A262B



2C2528

Triad

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



2A262B



2B2722



202929

Complementary

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



2A262B



272B26

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.



222926



2A262B



282822

Square

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



2A262B



2D2623



242823



21292B

Rectangle

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



2A262B



2D2526



242823



202928

Sweetspot

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



2A262B



383638



26272B



1C1B1C



9C9C9C



1C1C1C

Same Dimension

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



2A262B



373038



2B262A



141214



430054



A900D4

Inverse Universe

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



2B2627



383032



262B28



141213



540011



D4002A

Previews

White Background



This preview shows how the Hex color 2A262B looks on a white background.

Color Contrast Check

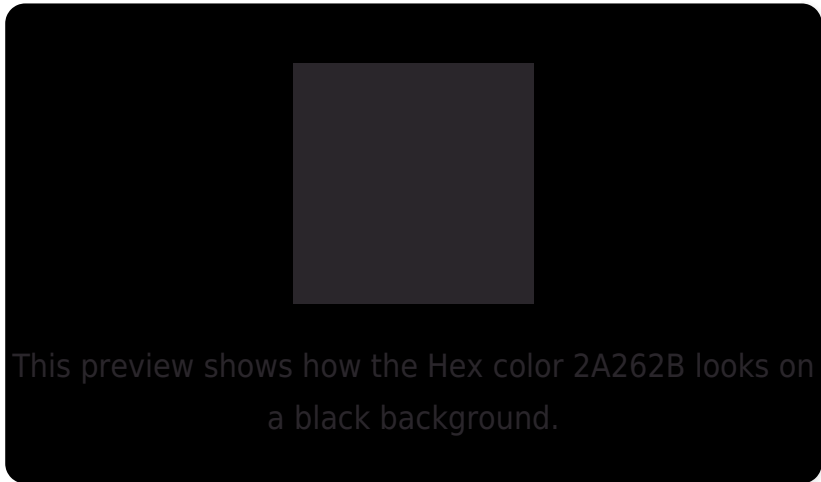
Large Text (above 18pt) WCAG AA ✓ Pass

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

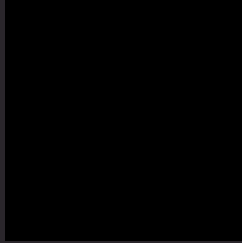
Any Text WCAG AA × Fail

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 2A262B Background



This preview shows how black text looks on a background with the Hex color 2A262B.

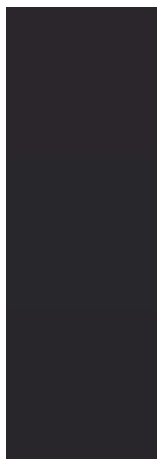


This preview shows how white text looks on a background with the Hex color 2A262B.

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


2A262B

Protanopia

27272C

Deuteranopia

29262B



Tritanopia
2A2629

Trichromacy



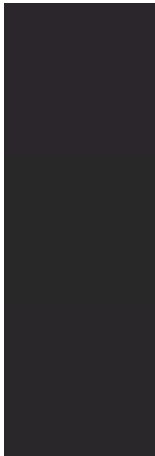
Original Color
2A262B

Protanomaly
28272C

Deuteranomaly
29262B

Tritanomaly
2A262A

Monochromacy



Original Color
2A262B

Achromatopsia
282828

Achromatomaly
292729

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A262B 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 #2A262B looks like.

```
.text, #text, p{  
    color:#2A262B  
}
```

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 #2A262B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A262B
}
```

Border

The CSS property to change the border of an element to Hex 2A262B 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
#2A262B }
```

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

```
.border{ border-color:#2A262B }
```

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

Here you see how a box with a 4 pixel #2A262B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A262B; -webkit-box-shadow:4px 4px  
4px 4px #2A262B; box-shadow:4px 4px 4px  
4px #2A262B }
```

Background

The CSS property to change the background color of an element to Hex 2A262B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A262B }
```

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

```
.background{ background-color:#2A262B }
```

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