

# Converting Colors

Hex(2C262B)

Have a look what the booklet for  
Hex(2C262B) contains.

<b>Hex(2C262B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2C262B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C262B
RGB	44, 38, 43
RGB Percent	17%, 15%, 17%
CMY	0.8275, 0.8510, 0.8314
CMYK	0.00, 0.14, 0.02, 0.83
HSL	310°, 7%, 16%
HSV	310°, 14%, 17%
XYZ	2.1679, 2.0961, 2.5758
YIQ	40.3640, 1.9710, 2.8270

# Conversions

## Conversions Part 2

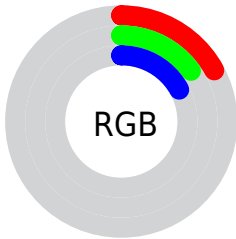
Format	Color
R <sub>Y</sub> B	44, 38, 43
Decimal	2893355
CIE Lab	15.98, 3.94, -2.27
CIE LCh	16, 4.543, 330.036
Yxy	2.0961, 0.3169, 0.3065
Android (android.graphics.Color)	4281083435 (0xFF2C262B)
YUV	40.3640, 1.2995, 3.1888
Hunter-Lab	14.4780, 1.3913, -0.4139

# Details

The Hex color **2C262B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262C27**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **595358**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C222A**, and if you desaturate by 10%, it is **2C2A2C**.

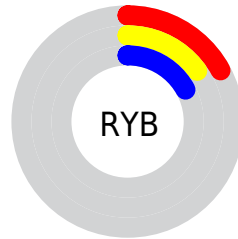
# Distribution



Red (17%)

Green (15%)

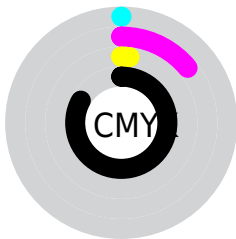
Blue (17%)



Red (17%)

Yellow (15%)

Blue (17%)

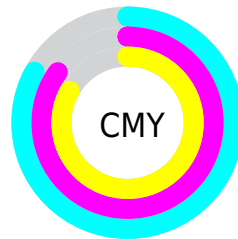


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (83%)



Cyan (83%)

Magenta (85%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C262B 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 2C262B by changing the saturation by 10% instead.



■ 2C262B

■ 2C262B

FFFFFF

■ 181117

■ 595358

■ 000000

■ 726B71

■ 8B848A

■ A69EA4

■ C1B9C0

■ DDD5DB

■ F9F1F8

■ 2C262B

■ 2C262B

■ 2C222A

■ 2C2A2C

■ 2C1D2A

■ 2C2F2C

■ 2C1929

■ 2C332D

■ 2C1428

■ 2C382E

■ 2C1027

■ 2C3C2F

■ 2C0C27

■ 2C402F

■ 2C0726

■ 2C4530

■ 2C0325

■ 2C4931

■ 2C0025

■ 2C4E32

# Harmonies

## Analogous

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



28272D



2C262B



2E2628

# Triad

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



2C262B



2A2721



202A2B

# Complementary

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



2C262B



262C27

# 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.



202A28



2C262B



272922

# Square

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



2C262B



2D2622



232924



21292D

# Rectangle

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



2C262B



2F2626



232924



202A2A



# Sweetspot

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



2C262B



383638



27262C



1C1B1C



9C9C9C



1C1C1C



# Same Dimension

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



2C262B



382F37



2C2628



171517



570048



D600B3



# Inverse Universe

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



2C262B



382F37



262C2A



171517



570048

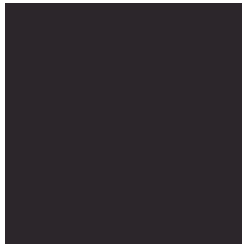


D600B3



# Previews

## White Background



This preview shows how the Hex color 2C262B looks on a white background.

## Color Contrast Check

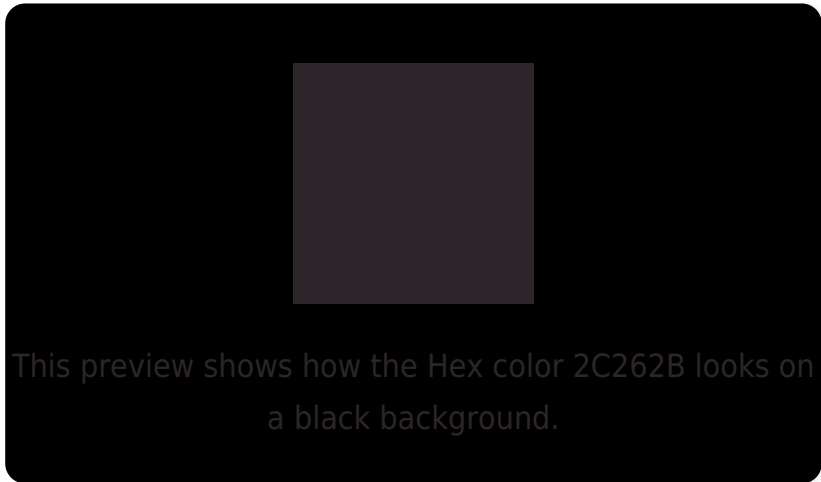
Large Text (above 18pt) WCAG AA ✓ Pass

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

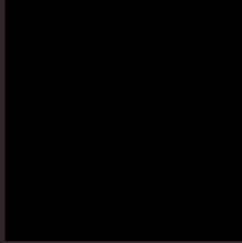
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C262B Background



This preview shows how black text looks on a background with the Hex color 2C262B.

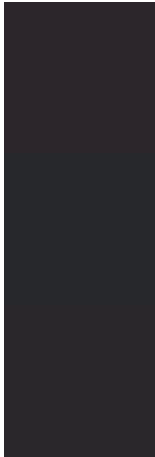


This preview shows how white text looks on a background with the Hex color 2C262B.

# 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**  
2C262B

**Protanopia**  
27282C

**Deuteranopia**  
2A272B



# Trichromacy



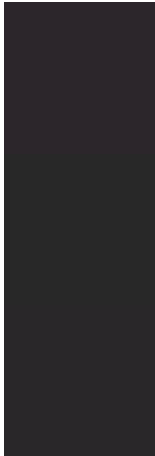
**Original Color**  
2C262B

**Protanomaly**  
29272C

**Deuteranomaly**  
2B272B

**Tritanomaly**  
2C262A

# Monochromacy



**Original Color**  
2C262B

**Achromatopsia**  
282828

**Achromatomaly**  
292729

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C262B 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 #2C262B looks like.

```
.text, #text, p{  
    color:#2C262B  
}
```

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 #2C262B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C262B
}
```

## Border

The CSS property to change the border of an element to Hex 2C262B 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
#2C262B }
```

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

```
.border{ border-color:#2C262B }
```

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

Here you see how a box with a 4 pixel #2C262B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C262B; -webkit-box-shadow:4px 4px  
4px 4px #2C262B; box-shadow:4px 4px 4px  
4px #2C262B }
```

# Background

The CSS property to change the background color of an element to Hex 2C262B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C262B }
```

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

```
.background{ background-color:#2C262B }
```

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