

# Converting Colors

Hex(2C2928)

Have a look what the booklet for  
Hex(2C2928) contains.

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# Color

**Hex(2C2928)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C2928
RGB	44, 41, 40
RGB Percent	17%, 16%, 16%
CMY	0.8275, 0.8392, 0.8431
CMYK	0.00, 0.07, 0.09, 0.83
HSL	15°, 5%, 16%
HSV	15°, 9%, 17%
XYZ	2.2146, 2.2746, 2.3298
YIQ	41.7830, 2.1090, 0.3250

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 41, 40
Decimal	2894120
CIE Lab	16.87, 1.14, 1.14
CIE LCh	17, 1.616, 44.987
Yxy	2.2746, 0.3248, 0.3336
Android (android.graphics.Color)	4281084200 (0xFF2C2928)
YUV	41.7830, -0.8790, 1.9443
Hunter-Lab	15.0816, -0.1811, 1.3981

# Details

The Hex color **2C2928** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282B2C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **595655**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2624**, and if you desaturate by 10%, it is **2C2C2C**.

# Distribution



Red (17%)

Green (16%)

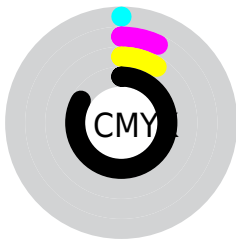
Blue (16%)



Red (17%)

Yellow (16%)

Blue (16%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C2928 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 2C2928 by changing the saturation by 10% instead.



■ 2C2928

■ 2C2928

FFFFFF

■ 181514

■ 595655

■ 000000

■ 726E6D

■ 8B8886

■ A6A2A1

■ C1BDBC

■ DDD9D7

■ F9F5F4

■ 2C2928

■ 2C2928

■ 2C2624

■ 2C2C2C

■ 2C221F

■ 2C3031

■ 2C1F1B

■ 2C3335

■ 2C1C16

■ 2C363A

■ 2C1912

■ 2C393E

■ 2C150E

■ 2C3D42

■ 2C1209

■ 2C4047

■ 2C0F05

■ 2C434B

■ 2C0B00

■ 2C4750

# Harmonies

## Analogous

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



2C2929



2C2928



2B2927

# Triad

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



2C2928



272A29



29292C

# Complementary

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



2C2928



282B2C

# 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.



282A2C



2C2928



272A2A

# Square

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



2C2928



292A28



272A2B



2B292B

# Rectangle

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



2C2928



2A2A27



272A2B



292A2C



# Sweetspot

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



2C2928



383736



2C282B



1C1B1B



9C9C9C



1C1C1C



# Same Dimension

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



2C2928



383332



2C2B28



171515



571600



D63600



# Inverse Universe

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



282B2C



323738



28292C



151617



004157



00A1D6



# Previews

## White Background



This preview shows how the Hex color 2C2928 looks on a white background.

## Color Contrast Check

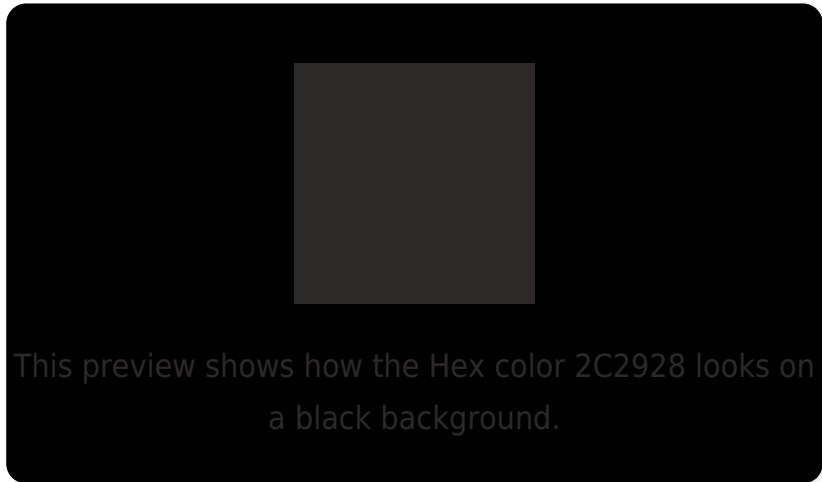
Large Text (above 18pt) WCAG AA ✓ Pass

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

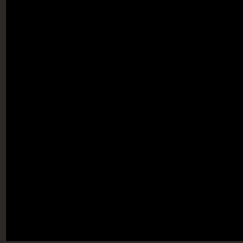
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C2928 Background



This preview shows how black text looks on a background with the Hex color 2C2928.



This preview shows how white text looks on a background with the Hex color 2C2928.

# 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



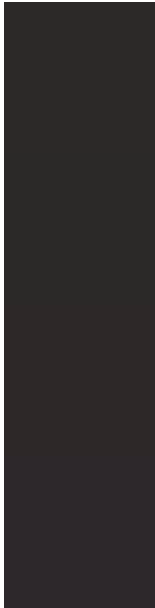
**Original Color**  
2C2928

**Protanopia**  
2B2928

**Deuteranopia**  
2E2828



# Trichromacy



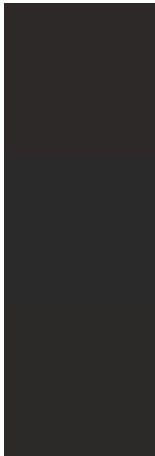
**Original Color**  
2C2928

**Protanomaly**  
2B2928

**Deuteranomaly**  
2D2828

**Tritanomaly**  
2D282B

# Monochromacy



**Original Color**  
2C2928

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
2B2A29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C2928 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 #2C2928 looks like.

```
.text, #text, p{  
    color:#2C2928  
}
```

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 #2C2928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2928
}
```

## Border

The CSS property to change the border of an element to Hex 2C2928 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
#2C2928 }
```

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

```
.border{ border-color:#2C2928 }
```

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

Here you see how a box with a 4 pixel #2C2928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2928; -webkit-box-shadow:4px 4px  
4px 4px #2C2928; box-shadow:4px 4px 4px  
4px #2C2928 }
```

# Background

The CSS property to change the background color of an element to Hex 2C2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2928 }
```

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

```
.background{ background-color:#2C2928 }
```

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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