

# Converting Colors

Hex(292828)

Have a look what the booklet for  
Hex(292828) contains.

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# Color

**Hex(292828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	292828
RGB	41, 40, 40
RGB Percent	16%, 16%, 16%
CMY	0.8392, 0.8431, 0.8431
CMYK	0.00, 0.02, 0.02, 0.84
HSL	0°, 1%, 16%
HSV	0°, 2%, 16%
XYZ	2.0562, 2.1422, 2.3126
YIQ	40.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 40, 40
Decimal	2697256
CIE Lab	16.22, 0.46, 0.16
CIE LCh	16, 0.483, 19.137
Yxy	2.1422, 0.3158, 0.3290
Android (android.graphics.Color)	4280887336 (0xFF292828)
YUV	40.2990, -0.1474, 0.6148
Hunter-Lab	14.6363, -0.5360, 0.8773

# Details

The Hex color **292828** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282929**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **565555**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **292424**, and if you desaturate by 10%, it is **292C2C**.

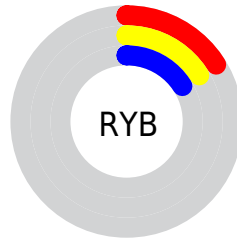
# Distribution



 Red (16%)

 Green (16%)

 Blue (16%)



 Red (16%)

 Yellow (16%)

 Blue (16%)

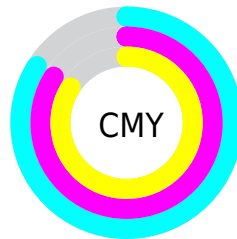



 Cyan (0%)

 Magenta (2%)

 Yellow (2%)

 Black (84%)



 Cyan (84%)

 Magenta (84%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 292828 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 292828 by changing the saturation by 10% instead.



■ 292828

■ 292828

FFFFFF

■ 151414

■ 565555

■ 000000

■ 6E6D6D

■ 888686

■ A2A1A1

■ BDBCBC

■ D9D7D7

■ F5F4F4

■ 292828

■ 292828

■ 292424

■ 292C2C

■ 292020

■ 293030

■ 291C1C

■ 293434

■ 291818

■ 293838

■ 291313

■ 293C3C

■ 290F0F

■ 294141

■ 290B0B

■ 294545

■ 290707

■ 294949

■ 290303

■ 294D4D

# Harmonies

# Triad

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



292828



282828



282829

# Complementary

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



292828



282929

# 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.



272829



292828



282828

# Square

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



292828



282828



272828



282829

# Rectangle

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



292828



272828



282829



# Sweetspot

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



292828



363535



292829



1C1C1C



9C9C9C

# Same Dimension

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



292828



363434



292928



141414



540000



D40000



# Inverse Universe

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



282929



343636



141414



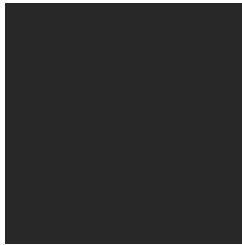
005454



00D4D4

# Previews

## White Background



This preview shows how the Hex color 292828 looks on a white background.

## Color Contrast Check

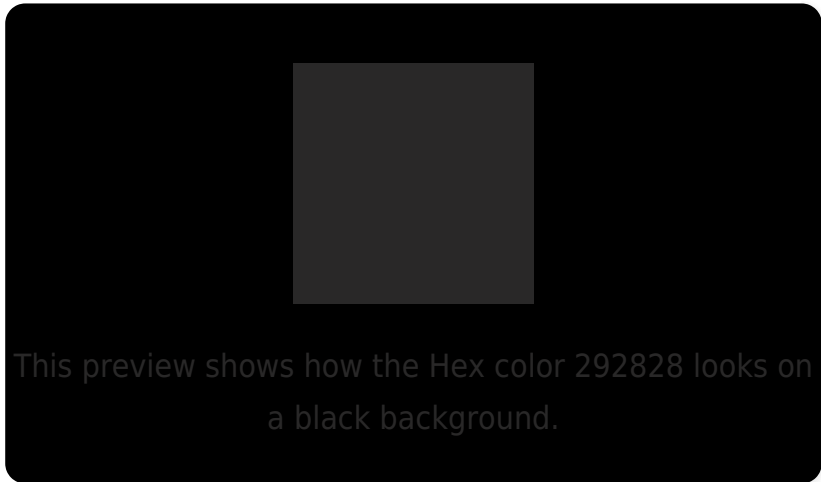
Large Text (above 18pt) WCAG AA ✓ Pass

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

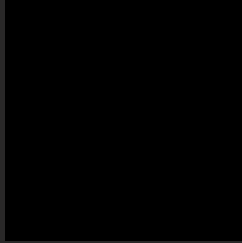
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

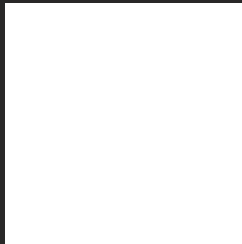
Any Text WCAG AAA × Fail

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

## Hex 292828 Background



This preview shows how black text looks on a background with the Hex color 292828.

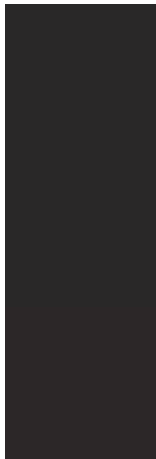


This preview shows how white text looks on a background with the Hex color 292828.

# 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**  
292828

**Protanopia**  
292828

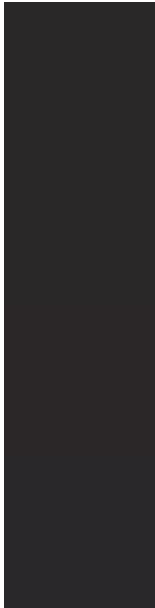
**Deuteranopia**  
2C2728





**Tritanopia**  
29282B

# Trichromacy



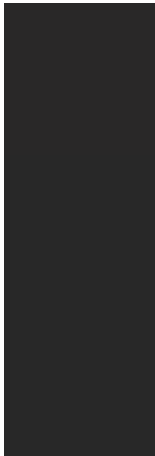
**Original Color**  
292828

**Protanomaly**  
292828

**Deuteranomaly**  
2B2728

**Tritanomaly**  
29282A

# Monochromacy



**Original Color**  
292828

**Achromatopsia**  
282828

**Achromatomaly**  
282828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 292828 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 #292828 looks like.

```
.text, #text, p{  
    color:#292828  
}
```

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 #292828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292828
}
```

## Border

The CSS property to change the border of an element to Hex 292828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

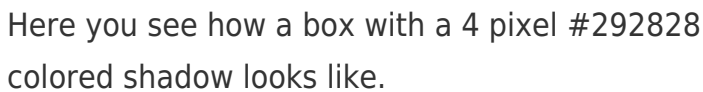
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#292828 }
```

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

```
.border{ border-color:#292828 }
```

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



Here you see how a box with a 4 pixel #292828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292828; -webkit-box-shadow:4px 4px  
4px 4px #292828; box-shadow:4px 4px 4px  
4px #292828 }
```

# Background

The CSS property to change the background color of an element to Hex 292828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292828 }
```

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

```
.background{ background-color:#292828 }
```

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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