

Converting Colors

Hex(2C2C32)

Have a look what the booklet for
Hex(2C2C32) contains.

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Color

Hex(2C2C32)

Conversions

Conversions Part 1

Format	Color
Hex	2C2C32
RGB	44, 44, 50
RGB Percent	17%, 17%, 20%
CMY	0.8275, 0.8275, 0.8039
CMYK	0.12, 0.12, 0.00, 0.80
HSL	240°, 6%, 18%
HSV	240°, 12%, 20%
XYZ	2.5151, 2.5671, 3.3806
YIQ	44.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

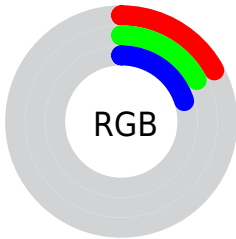
Format	Color
RYB	44, 44, 50
Decimal	2894898
CIELab	18.22, 1.50, -3.86
CIElCh	18, 4.141, 291.216
Yxy	2.5671, 0.2972, 0.3033
Android (android.graphics.Color)	4281084978 (0xFF2C2C32)
YUV	44.6840, 2.6208, -0.5999
Hunter-Lab	16.0223, -0.0187, -1.2941

Details

The Hex color **2C2C32** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32322C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **595960**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **272732**, and if you desaturate by 10%, it is **313132**.

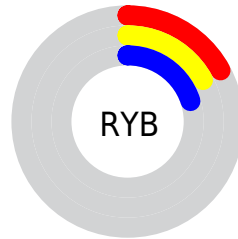
Distribution



Red (17%)

Green (17%)

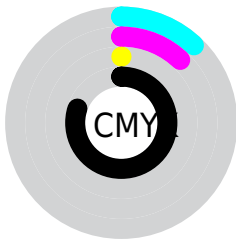
Blue (20%)



Red (17%)

Yellow (17%)

Blue (20%)

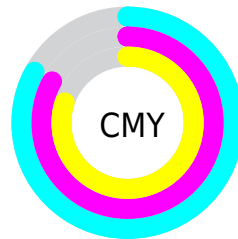


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (80%)



Cyan (83%)

Magenta (83%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2C32 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 2C2C32 by changing the saturation by 10% instead.

■ 2C2C32

■ 2C2C32

FFFFFF

■ 17181D

■ 595960

■ 000002

■ 727279

■ 000000

■ 8B8B93

■ A6A6AD

■ C1C1C9

■ DDDDE5

■ F9F9FF

■ 2C2C32

■ 2C2C32

■ 272732

■ 313132

■ 222232

■ 363632

■ 1D1D32

■ 3B3B32

■ 181832

■ 404032

■ 131332

■ 454532

■ 0E0E32

■ 4A4A32

■ 090932

■ 4F4F32

■ 040432

■ 545432

■ 000032

■ 595932

Harmonies

Analogous

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



282D32



2C2C32



302B30

Triad

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



2C2C32



322B28



262E2B

Complementary

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



2C2C32



32322C

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.



292E29



2C2C32



302C27

Square

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



2C2C32



332B2A



2D2D27



252E2F

Rectangle

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



2C2C32



312B2E



2D2D27



272E2A

Sweetspot

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



2C2C32



3D3D40



2C3232



1F1F21



A1A1A1



212121

Same Dimension

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



2C2C32



373740



2F2C32



17171A



000059



0000D9

Inverse Universe

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



322C32



403740



2F322C



1A171A



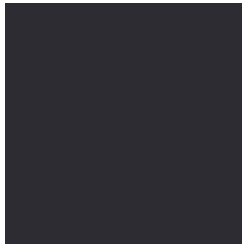
590059



D900D9

Previews

White Background



This preview shows how the Hex color 2C2C32 looks on a white background.

Color Contrast Check

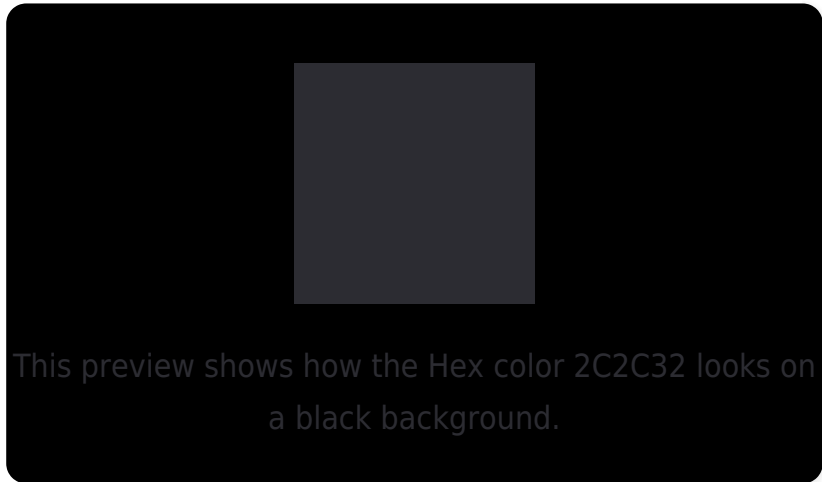
Large Text (above 18pt) WCAG AA ✓ Pass

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

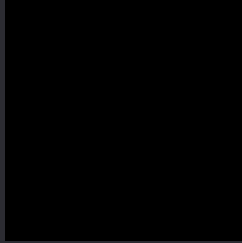
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

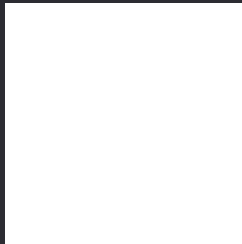
Any Text WCAG AAA × Fail

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

Hex 2C2C32 Background



This preview shows how black text looks on a background with the Hex color 2C2C32.



This preview shows how white text looks on a background with the Hex color 2C2C32.

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
2C2C32

Protanopia
2C2C32

Deuteranopia
2E2B32

Trichromacy



Original Color

2C2C32

Protanomaly

2C2C32

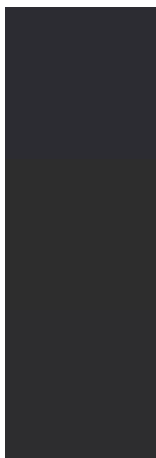
Deuteranomaly

2D2B32

Tritanomaly

2C2C31

Monochromacy



Original Color

2C2C32

Achromatopsia

2D2D2D

Achromatomaly

2D2D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2C32 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 #2C2C32 looks like.

```
.text, #text, p{  
    color:#2C2C32  
}
```

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 #2C2C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2C32
}
```

Border

The CSS property to change the border of an element to Hex 2C2C32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

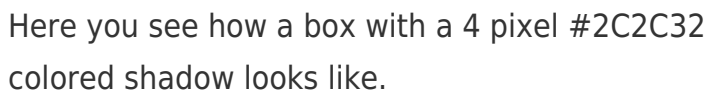
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2C32 }
```

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

```
.border{ border-color:#2C2C32 }
```

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



Here you see how a box with a 4 pixel #2C2C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2C32; -webkit-box-shadow:4px 4px  
4px 4px #2C2C32; box-shadow:4px 4px 4px  
4px #2C2C32 }
```

Background

The CSS property to change the background color of an element to Hex 2C2C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2C32 }
```

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

```
.background{ background-color:#2C2C32 }
```

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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