

Converting Colors

Hex(2C2327)

Have a look what the booklet for
Hex(2C2327) contains.

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Color

Hex(2C2327)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-------------------------|
| Hex | 2C2327 |
| RGB | 44, 35, 39 |
| RGB Percent | 17%, 14%, 15% |
| CMY | 0.8275, 0.8627, 0.8471 |
| CMYK | 0.00, 0.20, 0.11, 0.83 |
| HSL | 333°, 11%, 15% |
| HSV | 333°, 20%, 17% |
| XYZ | 2.0059, 1.8840, 2.1774 |
| YIQ | 38.1470, 4.0800, 3.1520 |

Conversions

Conversions Part 2

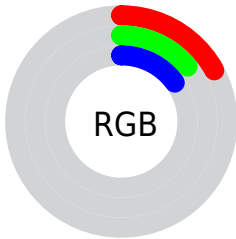
| Format | Color |
|-------------------------------------|----------------------------|
| R_{YB} | 44, 35, 39 |
| Decimal | 2892583 |
| CIE Lab | 14.87, 5.13, -1.07 |
| CIE LCh | 15, 5.240, 348.240 |
| Yxy | 1.8840, 0.3306, 0.3105 |
| Android (android.graphics.Color) | 4281082663 (0xFF2C2327) |
| YUV | 38.1470, 0.4205, 5.1331 |
| Hunter-Lab | 13.7260, 2.0660, 0.2029 |

Details

The Hex color **2C2327** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232C28**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5A4F54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1F25**, and if you desaturate by 10%, it is **2C2729**.

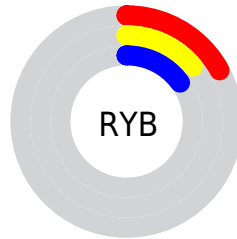
Distribution



Red (17%)

Green (14%)

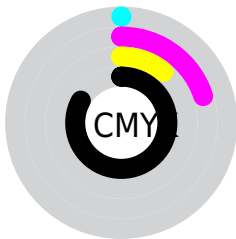
Blue (15%)



Red (17%)

Yellow (14%)

Blue (15%)

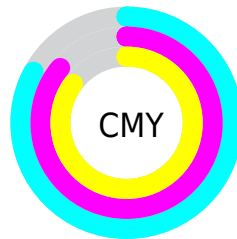


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2327 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 2C2327 by changing the saturation by 10% instead.

■ 2C2327

■ 2C2327

FFFFFF

■ 180D12

■ 5A4F54

■ 000000

■ 72676C

■ 8C8085

■ A69A9F

■ C1B5BA

■ DDD1D6

■ FAEDF2

■ 2C2327

■ 2C2327

■ 2C1F25

■ 2C2729

■ 2C1A22

■ 2C2C2C

■ 2C1620

■ 2C302E

■ 2C111D

■ 2C3531

■ 2C0D1B

■ 2C3933

■ 2C0918

■ 2C3D36

■ 2C0416

■ 2C4238

■ 2C0014

■ 2C463B

■ 2C4B3D

Harmonies

Analogous

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



29242A



2C2327



2D2323

Triad

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



2C2327



26261E



1D272B

Complementary

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



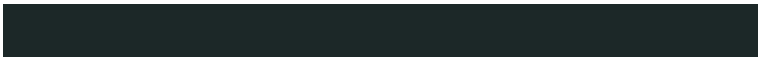
2C2327



232C28

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.



1C2828



2C2327



222720

Square

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



2C2327



2A251E



1E2724



20262C

Rectangle

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



2C2327



2D2321



1E2724



1C272A

Sweetspot

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



2C2327



383536



28232C



1C1A1B



9C9C9C



1C1C1C

Same Dimension

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



2C2327



382A30



2C2323



171516



570027



D6005F

Inverse Universe

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



2C2327



382A30



232C2C



171516



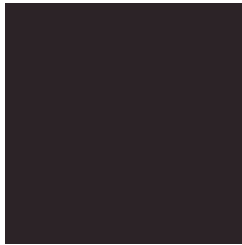
570027



D6005F

Previews

White Background



This preview shows how the Hex color 2C2327 looks on a white background.

Color Contrast Check

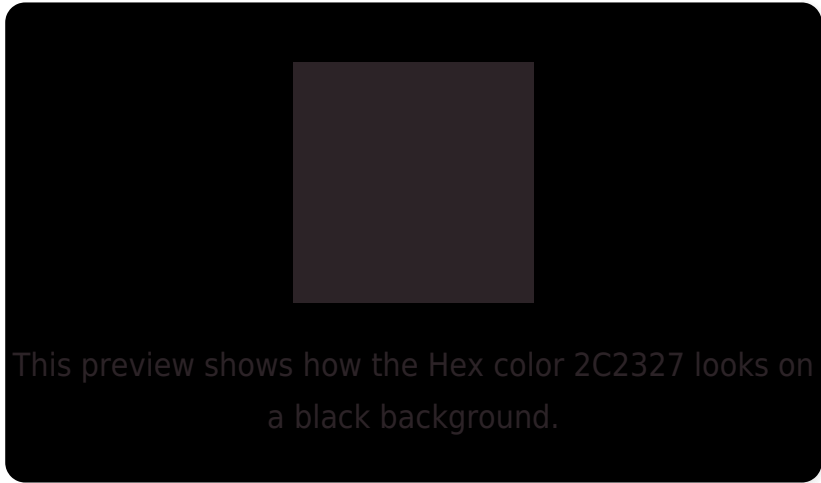
Large Text (above 18pt) WCAG AA ✓ Pass

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

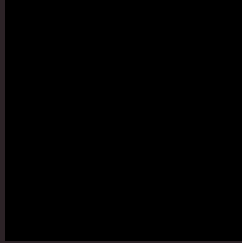
Any Text WCAG AA × Fail

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 2C2327 Background



This preview shows how black text looks on a background with the Hex color 2C2327.

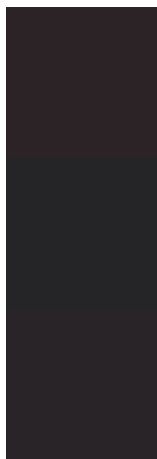


This preview shows how white text looks on a background with the Hex color 2C2327.

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
2C2327

Protanopia
252528

Deuteranopia
292427

Trichromacy



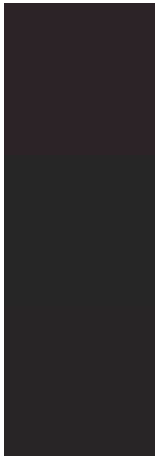
Original Color
2C2327

Protanomaly
282428

Deuteranomaly
2A2427

Tritanomaly
2C2326

Monochromacy



Original Color
2C2327

Achromatopsia
262626

Achromatomaly
282526

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2327 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 #2C2327 looks like.

```
.text, #text, p{  
    color:#2C2327  
}
```

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 #2C2327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2327
}
```

Border

The CSS property to change the border of an element to Hex 2C2327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

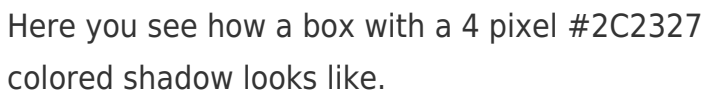
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2327 }
```

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

```
.border{ border-color:#2C2327 }
```

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



Here you see how a box with a 4 pixel #2C2327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2327; -webkit-box-shadow:4px 4px  
4px 4px #2C2327; box-shadow:4px 4px 4px  
4px #2C2327 }
```

Background

The CSS property to change the background color of an element to Hex 2C2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2327 }
```

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

```
.background{ background-color:#2C2327 }
```

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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