

Converting Colors

Hex(2C2421)

Have a look what the booklet for
Hex(2C2421) contains.

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Color

Hex(2C2421)

Conversions

Conversions Part 1

Format	Color
Hex	2C2421
RGB	44, 36, 33
RGB Percent	17%, 14%, 13%
CMY	0.8275, 0.8588, 0.8706
CMYK	0.00, 0.18, 0.25, 0.83
HSL	16°, 14%, 15%
HSV	16°, 25%, 17%
XYZ	1.9441, 1.9070, 1.7045
YIQ	38.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

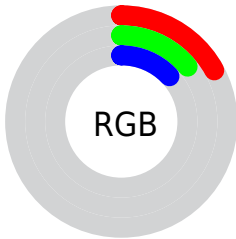
Format	Color
R_YB	44, 37, 33
Decimal	2892833
CIE Lab	14.99, 3.16, 3.40
CIE LCh	15, 4.641, 47.156
Yxy	1.9070, 0.3499, 0.3433
Android (android.graphics.Color)	4281082913 (0xFF2C2421)
YUV	38.0500, -2.4896, 5.2182
Hunter-Lab	13.8095, 0.9624, 2.3487

Details

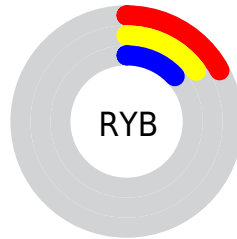
The Hex color **2C2421** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21292C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5A504D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C211D**, and if you desaturate by 10%, it is **2C2725**.

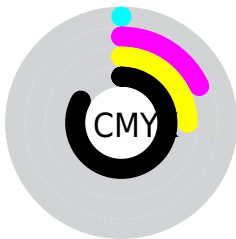
Distribution



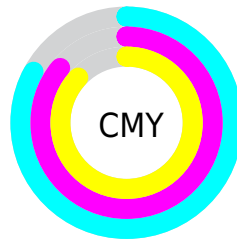
- Red (17%)
- Green (14%)
- Blue (13%)



- Red (17%)
- Yellow (15%)
- Blue (13%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (83%)



- Cyan (83%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2421 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 2C2421 by changing the saturation by 10% instead.

■ 2C2421

■ 2C2421

FFFFFF

■ 180F0A

■ 5A504D

■ 000000

■ 726965

■ 8C827E

■ A69C98

■ C1B6B2

■ DDD2CE

■ FAEEEE

■ 2C2421

■ 2C2421

■ 2C211D

■ 2C2725

■ 2C1E18

■ 2C2A2A

■ 2C1A14

■ 2C2E2E

■ 2C170F

■ 2C3133

■ 2C140B

■ 2C3437

■ 2C1107

■ 2C373B

■ 2C0E02

■ 2C3A40

■ 2C0C00

■ 2C3E44

■ 2C4149

Harmonies

Analogous

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



2D2324



2C2421



2A251F

Triad

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



2C2421



1F2724



25252C

Complementary

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



2C2421



21292C

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.



21262C



2C2421



1D2827

Square

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



2C2421



232721



1E272A



29242A

Rectangle

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



2C2421



28261F



1E272A



23262C

Sweetspot

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



2C2421



383534



2C2129



1C1A19



9C9C9C



1C1C1C

Same Dimension

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



2C2421



382C27



2C2921



171515



571800



D63A00

Inverse Universe

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



21292C



273438



21242C



151617



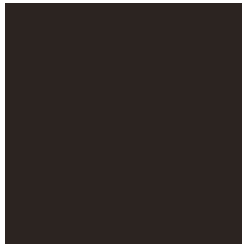
003F57



009CD6

Previews

White Background



This preview shows how the Hex color 2C2421 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

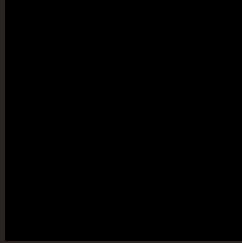
Any Text WCAG AA × Fail

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 2C2421 Background



This preview shows how black text looks on a background with the Hex color 2C2421.

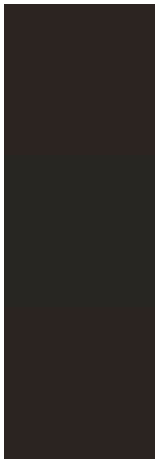


This preview shows how white text looks on a background with the Hex color 2C2421.

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
2C2421

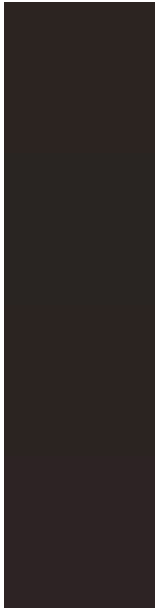
Protanopia
272622

Deuteranopia
2B2421



Tritanopia
2D2326

Trichromacy



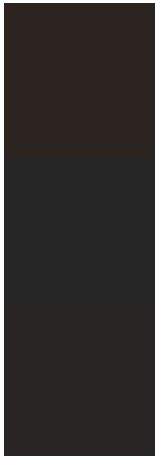
Original Color
2C2421

Protanomaly
292522

Deuteranomaly
2B2421

Tritanomaly
2D2324

Monochromacy



Original Color
2C2421

Achromatopsia
262626

Achromatomaly
282524

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2421 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 #2C2421 looks like.

```
.text, #text, p{  
  color:#2C2421  
}
```

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 #2C2421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2421
}
```

Border

The CSS property to change the border of an element to Hex 2C2421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

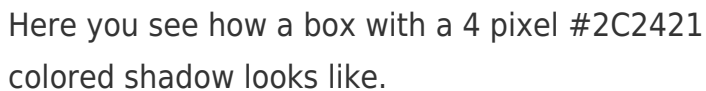
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2421 }
```

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

```
.border{ border-color:#2C2421 }
```

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



Here you see how a box with a 4 pixel #2C2421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2421; -webkit-box-shadow:4px 4px  
4px 4px #2C2421; box-shadow:4px 4px 4px  
4px #2C2421 }
```

Background

The CSS property to change the background color of an element to Hex 2C2421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2421 }
```

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

```
.background{ background-color:#2C2421 }
```

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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