

Converting Colors

Hex(2C2423)

Have a look what the booklet for
Hex(2C2423) contains.

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Color

Hex(2C2423)

Conversions

Conversions Part 1

Format	Color
Hex	2C2423
RGB	44, 36, 35
RGB Percent	17%, 14%, 14%
CMY	0.8275, 0.8588, 0.8627
CMYK	0.00, 0.18, 0.20, 0.83
HSL	7°, 11%, 15%
HSV	7°, 20%, 17%
XYZ	1.9730, 1.9186, 1.8564
YIQ	38.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

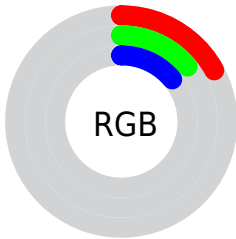
Format	Color
RYB	44, 36, 35
Decimal	2892835
CIELab	15.05, 3.56, 2.07
CIELCh	15, 4.116, 30.121
Yxy	1.9186, 0.3432, 0.3338
Android (android.graphics.Color)	4281082915 (0xFF2C2423)
YUV	38.2780, -1.6161, 5.0182
Hunter-Lab	13.8513, 1.1856, 1.7494

Details

The Hex color **2C2423** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232B2C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5A504F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C201F**, and if you desaturate by 10%, it is **2C2827**.

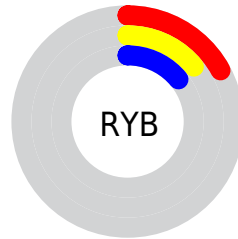
Distribution



Red (17%)

Green (14%)

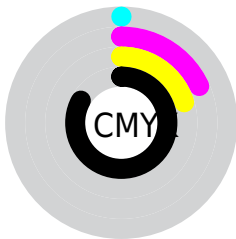
Blue (14%)



Red (17%)

Yellow (14%)

Blue (14%)

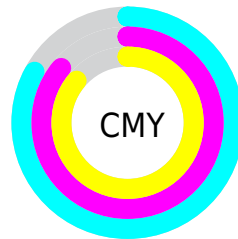


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2423 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 2C2423 by changing the saturation by 10% instead.

■ 2C2423

■ 2C2423

FFFFFF

■ 180F0D

■ 5A504F

■ 000000

■ 726967

■ 8C8280

■ A69C9A

■ C1B6B5

■ DDD2D1

■ FAEEED

■ 2C2423

■ 2C2423

■ 2C201F

■ 2C2827

■ 2C1C1A

■ 2C2C2C

■ 2C1816

■ 2C3030

■ 2C1411

■ 2C3435

■ 2C100D

■ 2C3839

■ 2C0D09

■ 2C3B3D

■ 2C0904

■ 2C3F42

■ 2C0500

■ 2C4346

■ 2C474B

Harmonies

Analogous

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



2C2426



2C2423



2B2521

Triad

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



2C2423



222723



23262C

Complementary

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



2C2423



232B2C

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.



20272B



2C2423



1F2826

Square

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



2C2423



252621



1F2729



26252B

Rectangle

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



2C2423



292520



1F2729



22262B

Sweetspot

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



2C2423



383535



2C232B



1C1A1A



9C9C9C



1C1C1C

Same Dimension

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



2C2423



382C2A



2C2823



171515



570A00



D61800

Inverse Universe

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



232B2C



2A3738



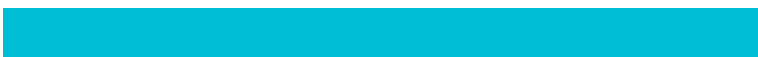
23272C



151717



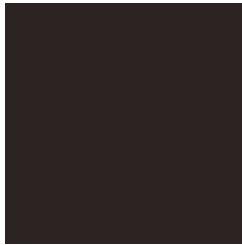
004D57



00BED6

Previews

White Background



This preview shows how the Hex color 2C2423 looks on a white background.

Color Contrast Check

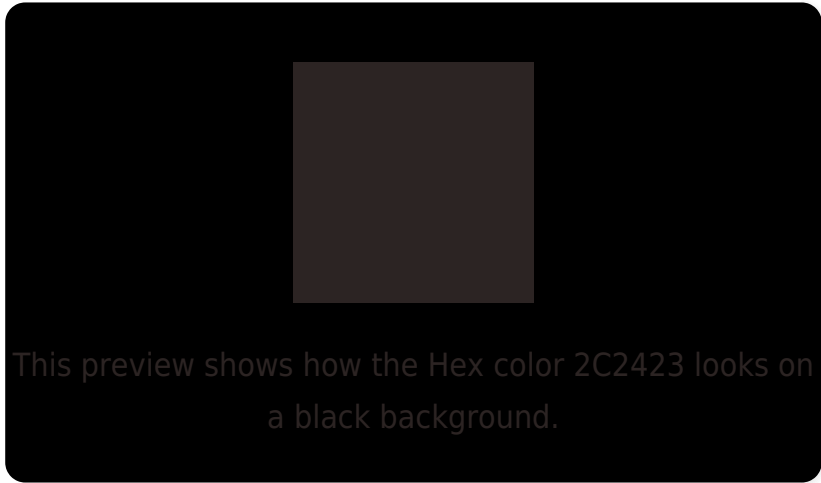
Large Text (above 18pt) WCAG AA ✓ Pass

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

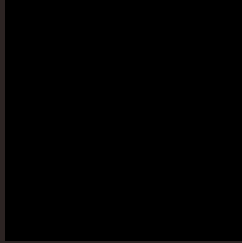
Any Text WCAG AA × Fail

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 2C2423 Background



This preview shows how black text looks on a background with the Hex color 2C2423.

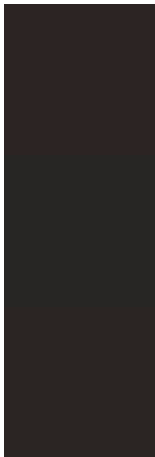


This preview shows how white text looks on a background with the Hex color 2C2423.

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

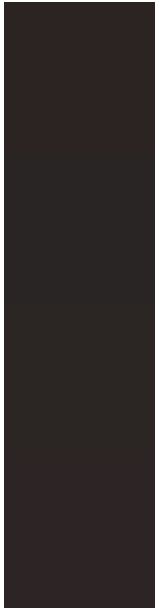


Original Color
2C2423

Protanopia
272624

Deuteranopia
2B2523

Trichromacy



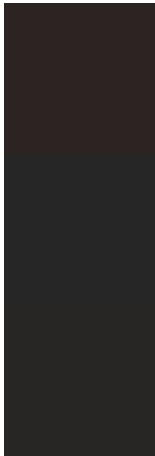
Original Color
2C2423

Protanomaly
292524

Deuteranomaly
2B2523

Tritanomaly
2C2425

Monochromacy



Original Color
2C2423

Achromatopsia
262626

Achromatomaly
282525

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2423 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 #2C2423 looks like.

```
.text, #text, p{  
    color:#2C2423  
}
```

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 #2C2423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2423
}
```

Border

The CSS property to change the border of an element to Hex 2C2423 is called "border". The border property can be set on classes, ids or directly on the HTML element.

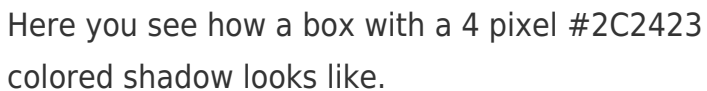
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2423 }
```

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

```
.border{ border-color:#2C2423 }
```

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



Here you see how a box with a 4 pixel #2C2423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2423; -webkit-box-shadow:4px 4px  
4px 4px #2C2423; box-shadow:4px 4px 4px  
4px #2C2423 }
```

Background

The CSS property to change the background color of an element to Hex 2C2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2423 }
```

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

```
.background{ background-color:#2C2423 }
```

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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