

Converting Colors

Hex(2A2623)

Have a look what the booklet for
Hex(2A2623) contains.

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Color

Hex(2A2623)

Conversions

Conversions Part 1

Format	Color
Hex	2A2623
RGB	42, 38, 35
RGB Percent	16%, 15%, 14%
CMY	0.8353, 0.8510, 0.8627
CMYK	0.00, 0.10, 0.17, 0.84
HSL	26°, 9%, 15%
HSV	26°, 17%, 16%
XYZ	1.9513, 1.9998, 1.8733
YIQ	38.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

Format	Color
RYB	42, 40, 35
Decimal	2762275
CIELab	15.49, 1.19, 2.66
CIELCh	15, 2.911, 65.811
Yxy	1.9998, 0.3350, 0.3434
Android (android.graphics.Color)	4280952355 (0xFF2A2623)
YUV	38.8540, -1.9000, 2.7590
Hunter-Lab	14.1415, -0.1170, 2.0451

Details

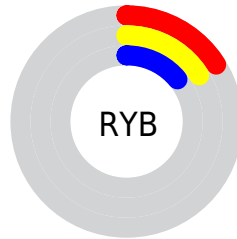
The Hex color **2A2623** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23272A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **57534F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A241F**, and if you desaturate by 10%, it is **2A2827**.

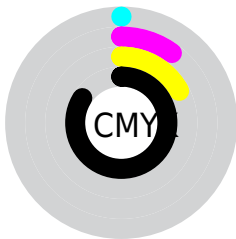
Distribution



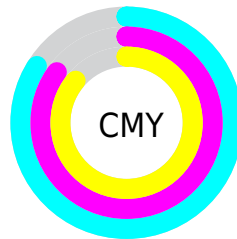
- Red (16%)
- Green (15%)
- Blue (14%)



- Red (16%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (84%)



- Cyan (84%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2623 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 2A2623 by changing the saturation by 10% instead.

■ 2A2623

■ 2A2623

FFFFFF

■ 16110D

■ 57534F

■ 000000

■ 706B67

■ 898480

■ A39E9A

■ BEB9B5

■ DAD5D1

■ F7F1ED

■ 2A2623

■ 2A2623

■ 2A241F

■ 2A2827

■ 2A211B

■ 2A2B2B

■ 2A1F16

■ 2A2D30

■ 2A1C12

■ 2A3034

■ 2A1A0E

■ 2A3238

■ 2A180A

■ 2A343C

■ 2A1506

■ 2A3740

■ 2A1301

■ 2A3945

■ 2A1200

■ 2A3C49

Harmonies

Analogous

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



2B2624



2A2623



282723

Triad

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



2A2623



222827



28262A

Complementary

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



2A2623



23272A

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.



25272B



2A2623



222829

Square

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



2A2623



232825



23272A



2A2628

Rectangle

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



2A2623



262723



23272A



27262A

Sweetspot

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



2A2623



363433



2A2327



1C1B1A



9C9C9C



1C1C1C

Same Dimension

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



2A2623



362F2B



2A2923



141312



542400



D45B00

Inverse Universe

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



23272A



2B3136



23242A



121414



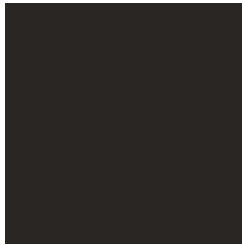
003054



0079D4

Previews

White Background



This preview shows how the Hex color 2A2623 looks on a white background.

Color Contrast Check

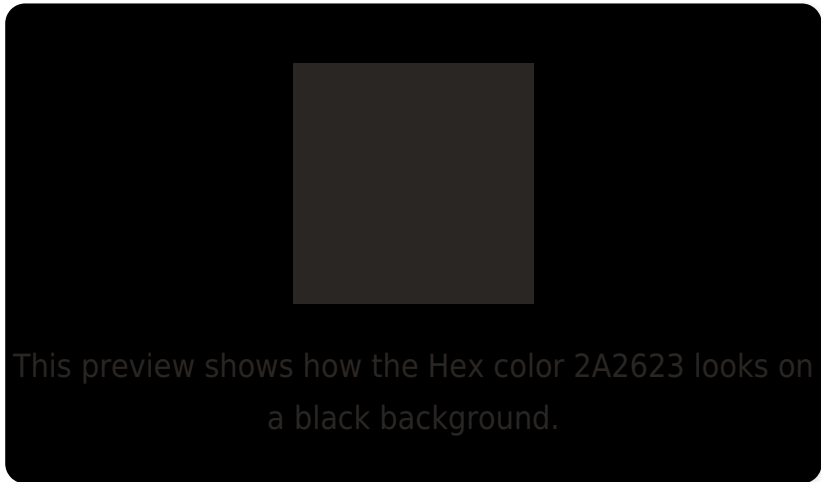
Large Text (above 18pt) WCAG AA ✓ Pass

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

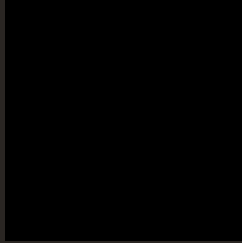
Any Text WCAG AA × Fail

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 2A2623 Background



This preview shows how black text looks on a background with the Hex color 2A2623.

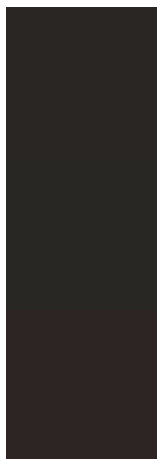


This preview shows how white text looks on a background with the Hex color 2A2623.

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

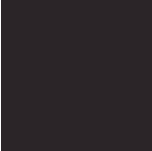
2A2623

Protanopia

282723

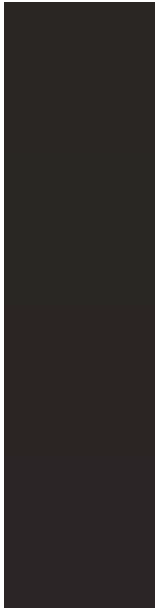
Deuteranopia

2C2523



Tritanopia
2B2528

Trichromacy



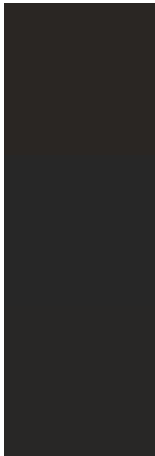
Original Color
2A2623

Protanomaly
292723

Deuteranomaly
2B2523

Tritanomaly
2B2526

Monochromacy



Original Color
2A2623

Achromatopsia
272727

Achromatomaly
282726

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2623 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 #2A2623 looks like.

```
.text, #text, p{  
    color:#2A2623  
}
```

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 #2A2623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2623
}
```

Border

The CSS property to change the border of an element to Hex 2A2623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

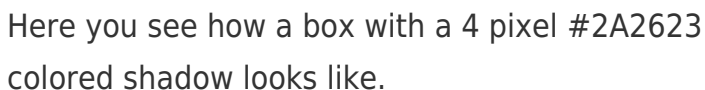
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2623 }
```

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

```
.border{ border-color:#2A2623 }
```

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



Here you see how a box with a 4 pixel #2A2623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2623; -webkit-box-shadow:4px 4px  
4px 4px #2A2623; box-shadow:4px 4px 4px  
4px #2A2623 }
```

Background

The CSS property to change the background color of an element to Hex 2A2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2623 }
```

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

```
.background{ background-color:#2A2623 }
```

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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