

Converting Colors

Hex(2A223A)

Have a look what the booklet for
Hex(2A223A) contains.

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Color

Hex(2A223A)

Conversions

Conversions Part 1

Format	Color
Hex	2A223A
RGB	42, 34, 58
RGB Percent	16%, 13%, 23%
CMY	0.8353, 0.8667, 0.7725
CMYK	0.28, 0.41, 0.00, 0.77
HSL	260°, 26%, 18%
HSV	260°, 41%, 23%
XYZ	2.2906, 1.9418, 4.2571
YIQ	39.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

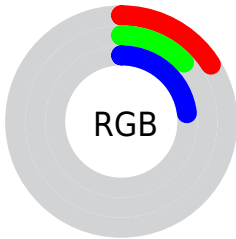
Format	Color
R_{YB}	42, 34, 58
Decimal	2761274
CIE _{Lab}	15.18, 10.03, -14.12
CIE _{LCh}	15, 17.325, 305.388
Yxy	1.9418, 0.2698, 0.2287
Android (android.graphics.Color)	4280951354 (0xFF2A223A)
YUV	39.1280, 9.3039, 2.5187
Hunter-Lab	13.9348, 4.9558, -8.3587




Details

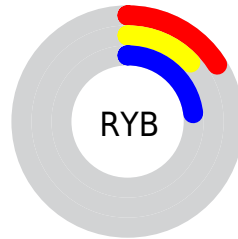
The Hex color **2A223A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323A22**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **584E69**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **261C3A**, and if you desaturate by 10%, it is **2E283A**.

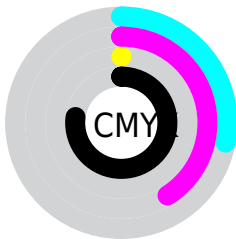
Distribution







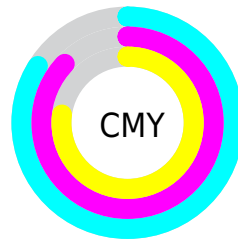
-  Red (16%)
-  Green (13%)
-  Blue (23%)






-  Red (16%)
-  Yellow (13%)
-  Blue (23%)



-  Cyan (28%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (84%)
-  Magenta (87%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A223A 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 2A223A by changing the saturation by 10% instead.

■ 2A223A

■ 2A223A

FFFFFF

■ 160C24

■ 584E69

■ 00010E

■ 716682

■ 000000

■ 8A7F9D

■ A599B7

■ C0B4D3

■ DCD0EF

■ F8ECCF

■ 2A223A

■ 2A223A

■ 261C3A

■ 2E283A

■ 22163A

■ 322E3A

■ 1E113A

■ 36333A

■ 1B0B3A

■ 39393A

■ 17053A

■ 3D3F3A

■ 13003A

■ 41453A

■ 454B3A

■ 49503A

■ 4D563A

Harmonies

Analogous

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



16273E



2A223A



371E30

Triad

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



2A223A



36220F



002C28

Complementary

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



2A223A



323A22

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.



0E2C1B



2A223A



2C260C

Square

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



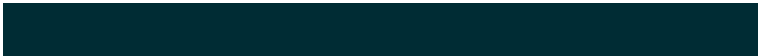
2A223A



3C1E19



1F2911



002C34

Rectangle

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



2A223A



3C1C28



1F2911



002C24

Sweetspot

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



2A223A



46434D



22323A



232126



A6A6A6



262626

Same Dimension

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



2A223A



33264D



36223A



1A191C



1F005C



4900DB

Inverse Universe

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



3A2232



4D2640



263A22



1C191B



5C003D



DB0092

Previews

White Background



This preview shows how the Hex color 2A223A looks on a white background.

Color Contrast Check

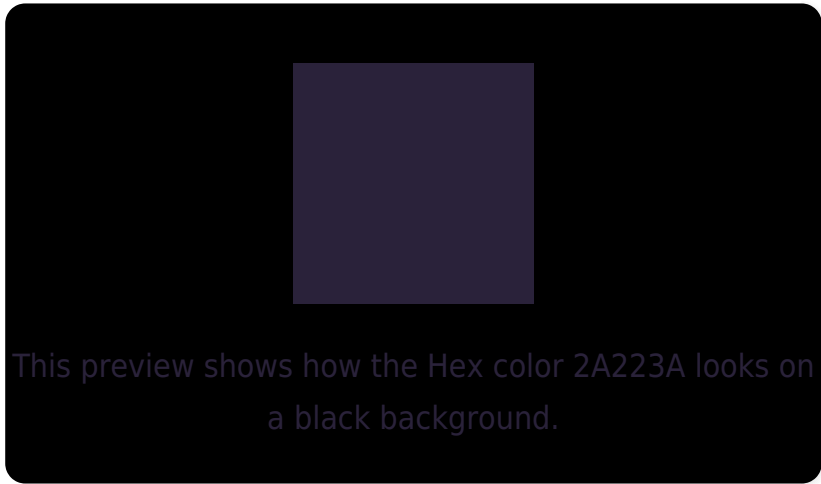
Large Text (above 18pt) WCAG AA ✓ Pass

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

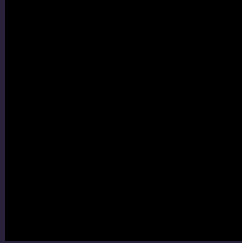
Any Text WCAG AA × Fail

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 2A223A Background



This preview shows how black text looks on a background with the Hex color 2A223A.



This preview shows how white text looks on a background with the Hex color 2A223A.

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

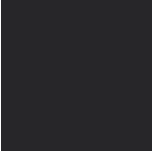
2A223A

Protanopia

1D253D

Deuteranopia

1E2639



Tritanopia
272629

Trichromacy



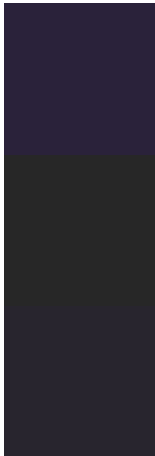
Original Color
2A223A

Protanomaly
22243C

Deuteranomaly
222539

Tritanomaly
28252F

Monochromacy



Original Color
2A223A

Achromatopsia
272727

Achromatomaly
28252E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A223A 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 #2A223A looks like.

```
.text, #text, p{  
    color:#2A223A  
}
```

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 #2A223A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A223A
}
```

Border

The CSS property to change the border of an element to Hex 2A223A is called "border". The border property can be set on classes, ids or directly on the HTML element.

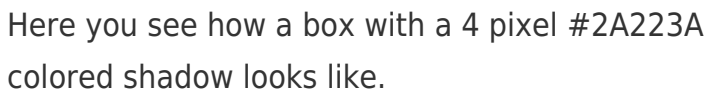
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A223A }
```

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

```
.border{ border-color:#2A223A }
```

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



Here you see how a box with a 4 pixel #2A223A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A223A; -webkit-box-shadow:4px 4px  
4px 4px #2A223A; box-shadow:4px 4px 4px  
4px #2A223A }
```

Background

The CSS property to change the background color of an element to Hex 2A223A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A223A }
```

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

```
.background{ background-color:#2A223A }
```

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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