

Converting Colors

Hex(2A2A27)

Have a look what the booklet for
Hex(2A2A27) contains.

Hex(2A2A27)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A2A27)

Conversions

Conversions Part 1

Format	Color
Hex	2A2A27
RGB	42, 42, 39
RGB Percent	16%, 16%, 15%
CMY	0.8353, 0.8353, 0.8471
CMYK	0.00, 0.00, 0.07, 0.84
HSL	60°, 4%, 16%
HSV	60°, 7%, 16%
XYZ	2.1490, 2.2947, 2.2491
YIQ	41.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

Format	Color
RYB	39, 42, 39
Decimal	2763303
CIELab	16.96, -0.70, 1.96
CIELCh	17, 2.078, 109.622
Yxy	2.2947, 0.3211, 0.3429
Android (android.graphics.Color)	4280953383 (0xFF2A2A27)
YUV	41.6580, -1.3104, 0.2999
Hunter-Lab	15.1481, -1.1859, 1.8006

Details

The Hex color **2A2A27** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27272A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **575754**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2A23**, and if you desaturate by 10%, it is **2A2A2B**.

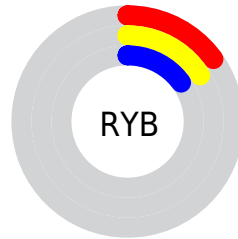
Distribution



Red (16%)

Green (16%)

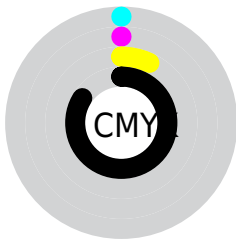
Blue (15%)



Red (15%)

Yellow (16%)

Blue (15%)



Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2A27 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 2A2A27 by changing the saturation by 10% instead.

■ 2A2A27

■ 2A2A27

FFFFFF

■ 161612

■ 575754

■ 000000

■ 70706C

■ 898985

■ A3A39F

■ BEBEBA

■ DADAD6

■ F7F7F2

■ 2A2A27

■ 2A2A27

■ 2A2A23

■ 2A2A2B

■ 2A2A1F

■ 2A2A2F

■ 2A2A1A

■ 2A2A34

■ 2A2A16

■ 2A2A38

■ 2A2A12

■ 2A2A3C

■ 2A2A0E

■ 2A2A40

■ 2A2A0A

■ 2A2A44

■ 2A2A05

■ 2A2A49

■ 2A2A01

■ 2A2A4D

Harmonies

Analogous

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



2C2A27



2A2A27



282A28

Triad

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



2A2A27



272A2C



2D292A

Complementary

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



2A2A27



27272A

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.



2B292C



2A2A27



282A2D

Square

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



2A2A27



262B2B



2A2A2D



2D2929

Rectangle

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



2A2A27



272B29



2A2A2D



2C292B

Sweetspot

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



2A2A27



363634



2A2727



1C1C1B



9C9C9C



1C1C1C

Same Dimension

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



2A2A27



363631



282A27



141412



545400



D4D400

Inverse Universe

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



27272A



313136



28272A



121214



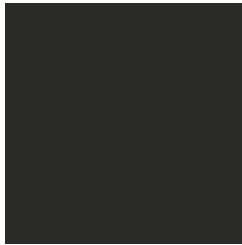
000054



0000D4

Previews

White Background



This preview shows how the Hex color 2A2A27 looks on a white background.

Color Contrast Check

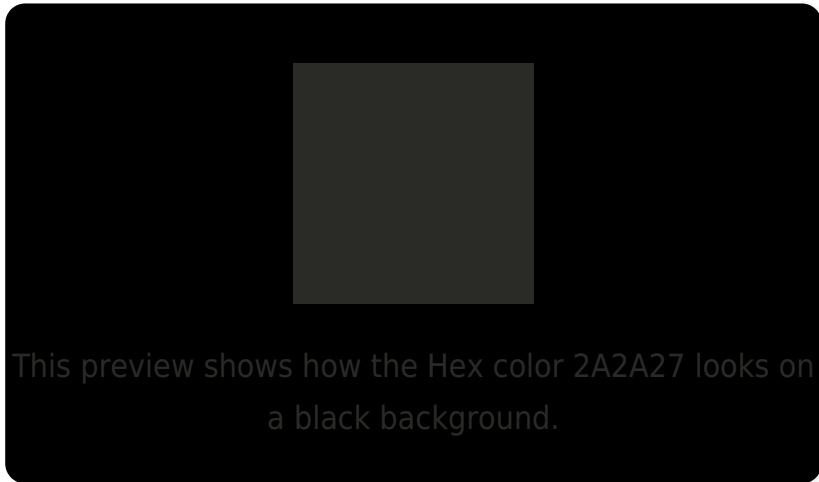
Large Text (above 18pt) WCAG AA ✓ Pass

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

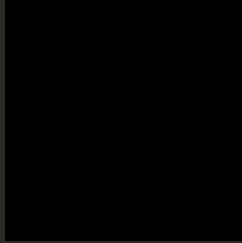
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

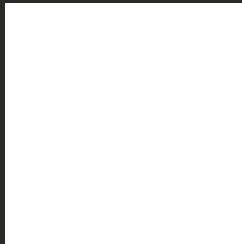
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A2A27 Background



This preview shows how black text looks on a background with the Hex color 2A2A27.

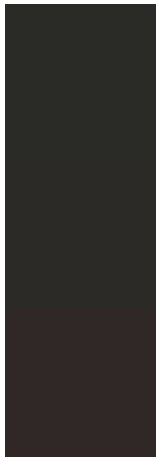


This preview shows how white text looks on a background with the Hex color 2A2A27.

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

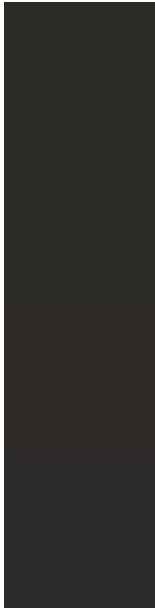


Original Color
2A2A27

Protanopia
2B2A27

Deuteranopia
2F2827

Trichromacy



Original Color

[2A2A27](#)

Protanomaly

[2B2A27](#)

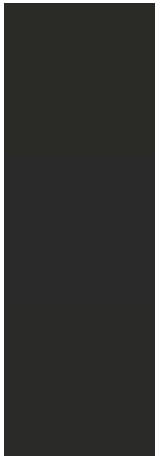
Deuteranomaly

[2D2927](#)

Tritanomaly

[2B292A](#)

Monochromacy



Original Color

[2A2A27](#)

Achromatopsia

[2A2A2A](#)

Achromatomaly

[2A2A29](#)

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2A27 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 #2A2A27 looks like.

```
.text, #text, p{  
    color:#2A2A27  
}
```

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 #2A2A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2A27
}
```

Border

The CSS property to change the border of an element to Hex 2A2A27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

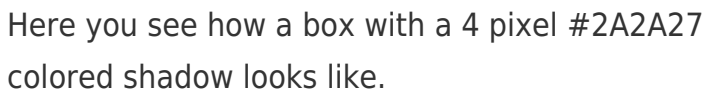
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2A27 }
```

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

```
.border{ border-color:#2A2A27 }
```

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



Here you see how a box with a 4 pixel #2A2A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2A27; -webkit-box-shadow:4px 4px  
4px 4px #2A2A27; box-shadow:4px 4px 4px  
4px #2A2A27 }
```

Background

The CSS property to change the background color of an element to Hex 2A2A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2A27 }
```

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

```
.background{ background-color:#2A2A27 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor