

Converting Colors

Hex(2A372A)

Have a look what the booklet for
Hex(2A372A) contains.

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Color

Hex(2A372A)

Conversions

Conversions Part 1

Format	Color
Hex	2A372A
RGB	42, 55, 42
RGB Percent	16%, 22%, 16%
CMY	0.8353, 0.7843, 0.8353
CMYK	0.24, 0.00, 0.24, 0.78
HSL	120°, 13%, 19%
HSV	120°, 24%, 22%
XYZ	2.7390, 3.3918, 2.7008
YIQ	49.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

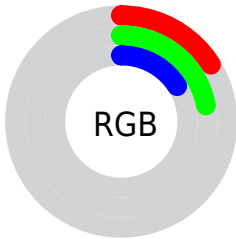
Format	Color
R_{YB}	42, 55, 55
Decimal	2766634
CIE Lab	21.55, -8.56, 6.41
CIE LCh	22, 10.694, 143.158
Yxy	3.3918, 0.3101, 0.3841
Android (android.graphics.Color)	4280956714 (0xFF2A372A)
YUV	49.6310, -3.7621, -6.6924
Hunter-Lab	18.4168, -5.6828, 4.1969

Details

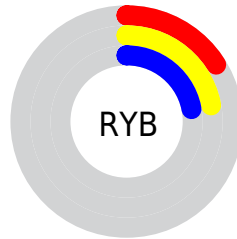
The Hex color **2A372A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372A37**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **586657**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **253725**, and if you desaturate by 10%, it is **2F372F**.

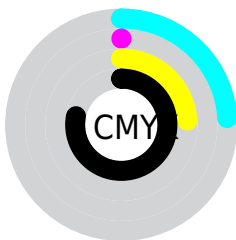
Distribution



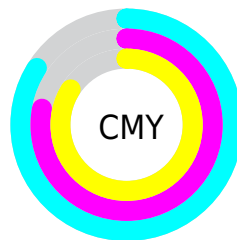
- Red (16%)
- Green (22%)
- Blue (16%)



- Red (16%)
- Yellow (22%)
- Blue (22%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A372A 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 2A372A by changing the saturation by 10% instead.

■ 2A372A

■ 2A372A

FFFFFF

■ 152216

■ 586657

■ 000B00

■ 707F70

■ 000000

■ 899989

■ A4B4A3

■ BFCFBE

■ DBEBDA

■ F7FFF7

■ 2A372A

■ 2A372A

■ 253725

■ 2F372F

■ 1F371F

■ 353735

■ 1A371A

■ 3B373B

■ 143714

■ 403740

■ 0E370E

■ 463746

■ 093709

■ 4B374B

■ 033703

■ 513751

■ 003700

■ 563756

■ 5C375C

Harmonies

Analogous

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



333525



2A372A



223832

Triad

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



2A372A



283543



442E2E

Complementary

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



2A372A



372A37

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.



422E36



2A372A



333242

Square

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



2A372A



1F3740



3C303D



413027

Rectangle

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



2A372A



1E3837



3C303D



442E30

Sweetspot

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



2A372A



424742



37372A



212421



A3A3A3



242424

Same Dimension

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



2A372A



334733



2A3731



191C19



005C00



00DB00

Inverse Universe

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



372A37



473347



372A31



1C191C



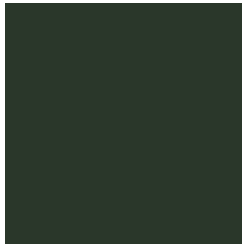
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 2A372A looks on a white background.

Color Contrast Check

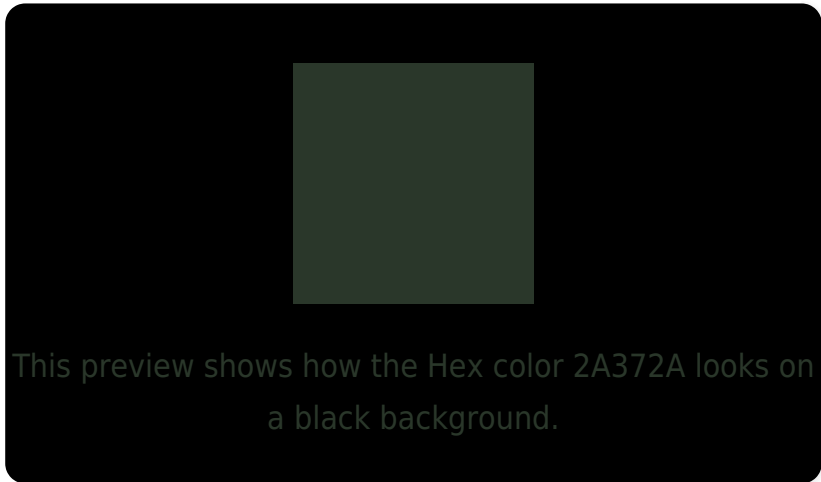
Large Text (above 18pt) WCAG AA ✓ Pass

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

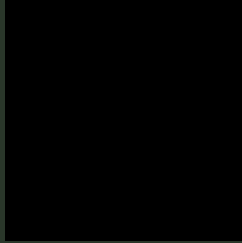
Any Text WCAG AA × Fail

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 2A372A Background



This preview shows how black text looks on a background with the Hex color 2A372A.

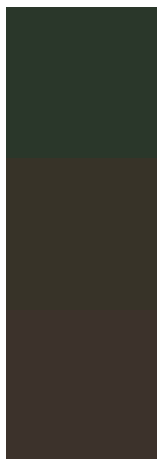


This preview shows how white text looks on a background with the Hex color 2A372A.

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](#).

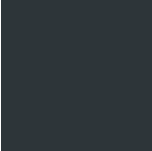
Dichromacy



Original Color
2A372A

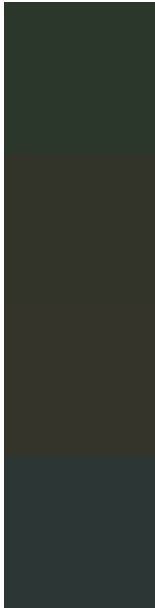
Protanopia
373328

Deuteranopia
3C322B



Tritanopia
2D3539

Trichromacy



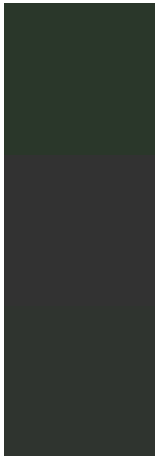
Original Color
2A372A

Protanomaly
323429

Deuteranomaly
35342B

Tritanomaly
2C3634

Monochromacy



Original Color
2A372A

Achromatopsia
323232

Achromatomaly
2F342F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A372A 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 #2A372A looks like.

```
.text, #text, p{  
    color:#2A372A  
}
```

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 #2A372A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A372A
}
```

Border

The CSS property to change the border of an element to Hex 2A372A is called "border". The border property can be set on classes, ids or directly on the HTML element.

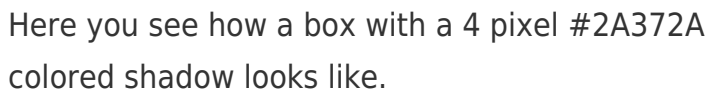
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A372A }
```

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

```
.border{ border-color:#2A372A }
```

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



Here you see how a box with a 4 pixel #2A372A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A372A; -webkit-box-shadow:4px 4px  
4px 4px #2A372A; box-shadow:4px 4px 4px  
4px #2A372A }
```

Background

The CSS property to change the background color of an element to Hex 2A372A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A372A }
```

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

```
.background{ background-color:#2A372A }
```

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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