

# Converting Colors

Hex(2A352E)

Have a look what the booklet for  
Hex(2A352E) contains.

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# Color

Hex(2A352E)

# Conversions

## Conversions Part 1

Format	Color
Hex	2A352E
RGB	42, 53, 46
RGB Percent	16%, 21%, 18%
CMY	0.8353, 0.7922, 0.8196
CMYK	0.21, 0.00, 0.13, 0.79
HSL	142°, 12%, 19%
HSV	142°, 21%, 21%
XYZ	2.7211, 3.2357, 3.0659
YIQ	48.9130, -4.3090, -4.5090

# Conversions

## Conversions Part 2

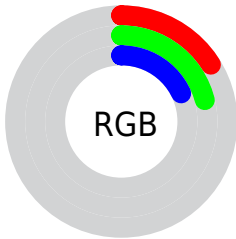
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 50, 53
Decimal	2766126
CIE Lab	20.96, -6.37, 2.89
CIE LCh	21, 6.994, 155.631
Yxy	3.2357, 0.3016, 0.3586
Android (android.graphics.Color)	4280956206 (0xFF2A352E)
YUV	48.9130, -1.4361, -6.0627
Hunter-Lab	17.9881, -4.4771, 2.4862

# Details

The Hex color **2A352E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352A31**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **57645C**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **25352B**, and if you desaturate by 10%, it is **2F3531**.

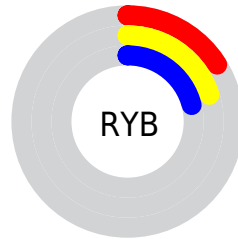
# Distribution



Red (16%)

Green (21%)

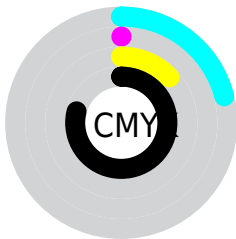
Blue (18%)



Red (16%)

Yellow (20%)

Blue (21%)

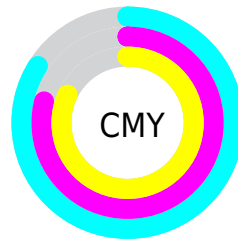


Cyan (21%)

Magenta (0%)

Yellow (13%)

Black (79%)



Cyan (84%)

Magenta (79%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A352E 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 2A352E by changing the saturation by 10% instead.



■ 2A352E

■ 2A352E

FFFFFF

■ 152019

■ 57645C

■ 000700

■ 707C74

■ 000000

■ 89968E

■ A4B1A8

■ BFCCC3

■ DBE9DF

■ F7FFFC

■ 2A352E

■ 2A352E

■ 25352B

■ 2F3531

■ 1F3527

■ 353535

■ 1A3524

■ 3A3538

■ 153521

■ 3F353B

■ 0F351D

■ 45353F

■ 0A351A

■ 4A3542

■ 053516

■ 4F3546

■ 003513

■ 543549

■ 5A354C

# Harmonies

## Analogous

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



30342A



2A352E



263533

# Triad

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



2A352E



2E333D



3D2F2D

# Complementary

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



2A352E



352A31

# 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.



3D2F32



2A352E



35313B

# Square

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



2A352E



28343C



3A2F37



3A3129

# Rectangle

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



2A352E



253537



3A2F37



3D2F2E



# Sweetspot

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



2A352E



414542



31352A



212422



A3A3A3



242424



# Same Dimension

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



2A352E



34453A



2A3533



171A18



005920



00D94F



# Inverse Universe

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



352A31



45343F



352A2C



1A1719



590039

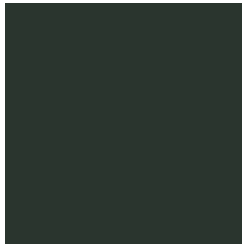


D9008A



# Previews

## White Background



This preview shows how the Hex color 2A352E looks on a white background.

## Color Contrast Check

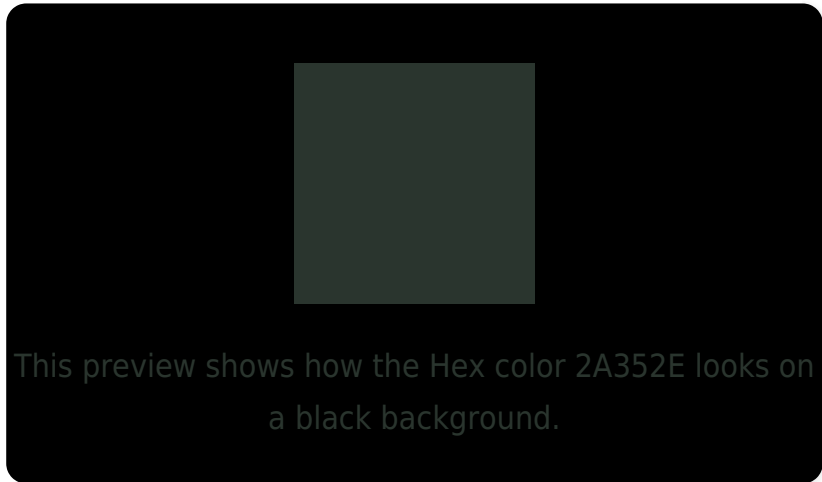
Large Text (above 18pt) WCAG AA ✓ Pass

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

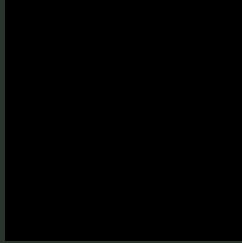
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2A352E Background



This preview shows how black text looks on a background with the Hex color 2A352E.



This preview shows how white text looks on a background with the Hex color 2A352E.

# 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



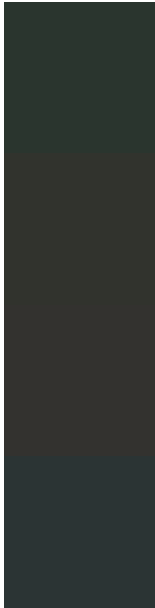
**Original Color**  
2A352E

**Protanopia**  
35322D

**Deuteranopia**  
38312F



# Trichromacy



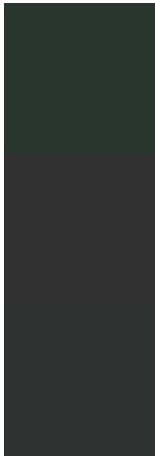
**Original Color**  
2A352E

**Protanomaly**  
31332D

**Deuteranomaly**  
33322F

**Tritanomaly**  
2B3434

# Monochromacy



**Original Color**  
2A352E

**Achromatopsia**  
313131

**Achromatomaly**  
2E3230

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A352E 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 #2A352E looks like.

```
.text, #text, p{  
    color:#2A352E  
}
```

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 #2A352E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A352E
}
```

## Border

The CSS property to change the border of an element to Hex 2A352E is called "border". The border property can be set on classes, ids or directly on the HTML element.

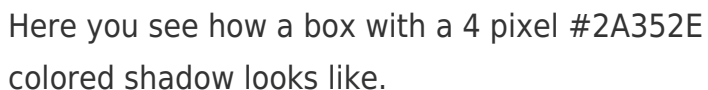
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A352E }
```

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

```
.border{ border-color:#2A352E }
```

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



Here you see how a box with a 4 pixel #2A352E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A352E; -webkit-box-shadow:4px 4px  
4px 4px #2A352E; box-shadow:4px 4px 4px  
4px #2A352E }
```

# Background

The CSS property to change the background color of an element to Hex 2A352E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A352E }
```

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

```
.background{ background-color:#2A352E }
```

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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