

# Converting Colors

Hex(253C2A)

Have a look what the booklet for  
Hex(253C2A) contains.

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# Color

Hex(253C2A)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 253C2A                     |
| RGB         | 37, 60, 42                 |
| RGB Percent | 15%, 24%, 16%              |
| CMY         | 0.8549, 0.7647, 0.8353     |
| CMYK        | 0.38, 0.00, 0.30, 0.76     |
| HSL         | 133°, 24%, 19%             |
| HSV         | 133°, 38%, 24%             |
| XYZ         | 2.7967, 3.7922, 2.7751     |
| YIQ         | 51.0710, -7.9300, -10.4740 |

# Conversions

## Conversions Part 2

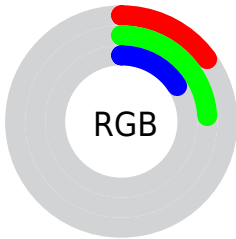
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 37, 56, 60                    |
| Decimal                             | 2440234                       |
| CIE <sub>Lab</sub>                  | 22.97, -13.62, 8.34           |
| CIE <sub>LCh</sub>                  | 23, 15.970, 148.534           |
| Yxy                                 | 3.7922, 0.2987,<br>0.4050     |
| Android<br>(android.graphics.Color) | 4280630314<br>(0xFF253C2A)    |
| YUV                                 | 51.0710, -4.4720,<br>-12.3403 |
| Hunter-Lab                          | 19.4736, -8.4432,<br>5.1825   |

# Details

The Hex color **253C2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C2537**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **536B57**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **1F3C25**, and if you desaturate by 10%, it is **2B3C2F**.

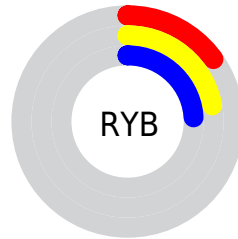
# Distribution



Red (15%)

Green (24%)

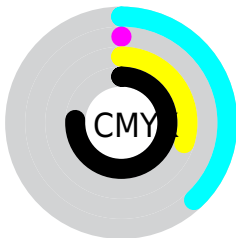
Blue (16%)



Red (15%)

Yellow (22%)

Blue (24%)

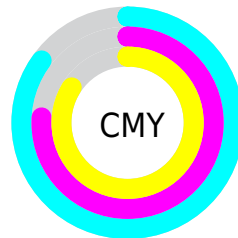


Cyan (38%)

Magenta (0%)

Yellow (30%)

Black (76%)



Cyan (85%)

Magenta (76%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 253C2A 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 253C2A by changing the saturation by 10% instead.



■ 253C2A

■ 253C2A

FFFFFF

■ 102616

■ 536B57

■ 001200

■ 6B8570

■ 000000

■ 859F89

■ 9FBAA3

■ BAD6BF

■ D6F2DA

■ F2FFF7

■ 253C2A

■ 253C2A

■ 1F3C25

■ 2B3C2F

■ 193C21

■ 313C33

■ 133C1C

■ 373C38

■ 0D3C17

■ 3D3C3D

■ 073C13

■ 433C41

■ 013C0E

■ 493C46

■ 003C0D

■ 4F3C4B

■ 553C50

■ 5B3C54

# Harmonies

## Analogous

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



333922



253C2A



163D36

# Triad

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



253C2A



25384E



4E2F2C

# Complementary

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



253C2A



3C2537

# 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.



4D2E38



253C2A



37344C

# Square

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



253C2A



123B4B



453043



493223

# Rectangle

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



253C2A



0D3D3E



453043



4E2E30



# Sweetspot

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



253C2A



464F48



373C25



232924



A8A8A8



292929



# Same Dimension

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



253C2A



2B4F33



253C35



1C1F1C



005E15



00DE30



# Inverse Universe

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



3C2537



4F2B47



3C252C



1F1C1E



5E004A

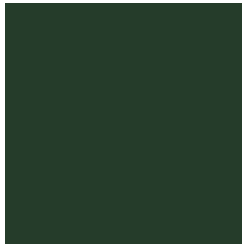


DE00AE



# Previews

## White Background



This preview shows how the Hex color 253C2A looks on a white background.

## Color Contrast Check

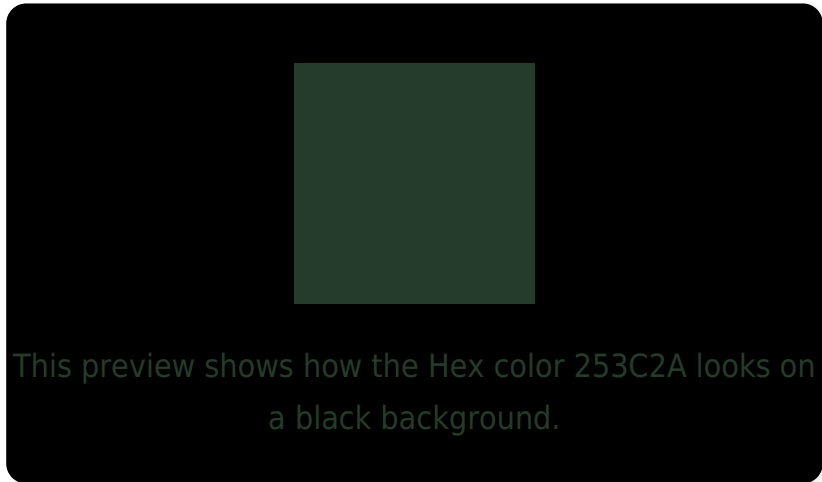
Large Text (above 18pt) WCAG AA ✓ Pass

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

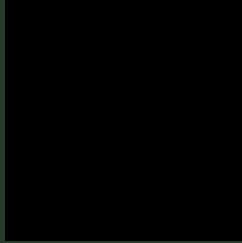
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 253C2A Background



This preview shows how black text looks on a background with the Hex color 253C2A.

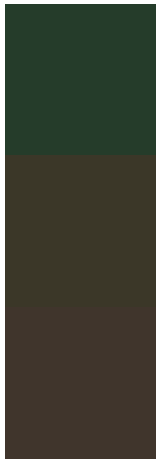


This preview shows how white text looks on a background with the Hex color 253C2A.

# 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



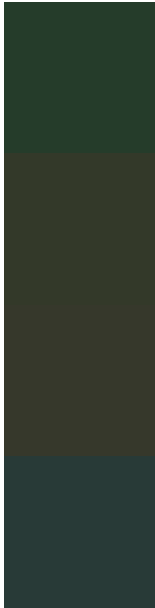
**Original Color**  
253C2A

**Protanopia**  
3B3728

**Deuteranopia**  
40352C



# Trichromacy



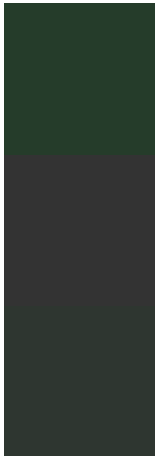
**Original Color**  
253C2A

**Protanomaly**  
333929

**Deuteranomaly**  
36382B

**Tritanomaly**  
283A37

# Monochromacy



**Original Color**  
253C2A

**Achromatopsia**  
333333

**Achromatomaly**  
2E3630

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 253C2A 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 #253C2A looks like.

```
.text, #text, p{  
    color:#253C2A  
}
```

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 #253C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253C2A
}
```

## Border

The CSS property to change the border of an element to Hex 253C2A 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
#253C2A }
```

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

```
.border{ border-color:#253C2A }
```

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

Here you see how a box with a 4 pixel #253C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253C2A; -webkit-box-shadow:4px 4px  
4px 4px #253C2A; box-shadow:4px 4px 4px  
4px #253C2A }
```

# Background

The CSS property to change the background color of an element to Hex 253C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253C2A }
```

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

```
.background{ background-color:#253C2A }
```

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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