

# Converting Colors

Hex(523C63)

Have a look what the booklet for  
Hex(523C63) contains.

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# Color

Hex(523C63)

# Conversions

## Conversions Part 1

Format	Color
Hex	523C63
RGB	82, 60, 99
RGB Percent	32%, 24%, 39%
CMY	0.6784, 0.7647, 0.6118
CMYK	0.17, 0.39, 0.00, 0.61
HSL	274°, 25%, 31%
HSV	274°, 39%, 39%
XYZ	7.3477, 5.9264, 12.5610
YIQ	71.0240, 0.5930, 16.7930

# Conversions

## Conversions Part 2

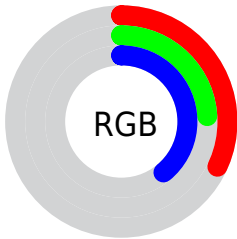
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 60, 99
Decimal	5389411
CIE <sub>Lab</sub>	29.23, 18.06, -19.39
CIE <sub>LCh</sub>	29, 26.492, 312.969
Yxy	5.9264, 0.2844, 0.2294
Android (android.graphics.Color)	4283579491 (0xFF523C63)
YUV	71.0240, 13.7922, 9.6260
Hunter-Lab	24.3442, 11.2732, -13.5513

# Details

The Hex color **523C63** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D633C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **846C96**, and **241134** is the 20% darker color. If you saturate the color by 10%, you get **4E3263**, and if you desaturate by 10%, it is **564663**.

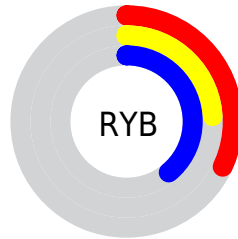
# Distribution



Red (32%)

Green (24%)

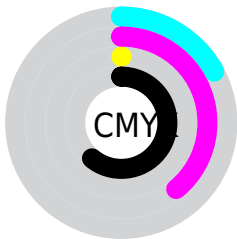
Blue (39%)



Red (32%)

Yellow (24%)

Blue (39%)

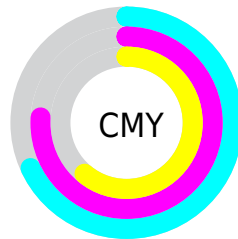


Cyan (17%)

Magenta (39%)

Yellow (0%)

Black (61%)



Cyan (68%)

Magenta (76%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 523C63 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 523C63 by changing the saturation by 10% instead.



■ 523C63

■ 523C63

FFFFFF

■ 3A264B

■ 846C96

■ 241134

■ 9E85B1

■ 10001F

■ BA9FCC

■ 000002

■ D5BAE8

■ 000000

■ F2D6FF

■ FFF3FF

■ 523C63

■ 523C63

■ 4E3263

■ 564663

■ 492863

■ 5B5063

■ 451E63

■ 5F5A63

■ 411463

■ 636463

■ 3C0A63

■ 686E63

■ 380163

■ 6C7763

■ 380063

■ 708163

■ 758B63

■ 799563

# Harmonies

## Analogous

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



33446D



523C63



653551

# Triad

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



523C63



5B401D



004F4D

# Complementary

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



523C63



4D633C

# 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.



114E38



523C63



48471B

# Square

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



523C63



67382A



324C26



004E60

# Rectangle

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



523C63



6B3444



324C26



004F46



# Sweetspot

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



523C63



797080



3C4E63



3C3740



BFBFBF



404040



# Same Dimension

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



523C63



654480



633C61



2E2C30



3F0070



8700F0



# Inverse Universe

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



633C4D



80445E



3C633E



302C2E



700031



F00068



# Previews

## White Background



This preview shows how the Hex color 523C63 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

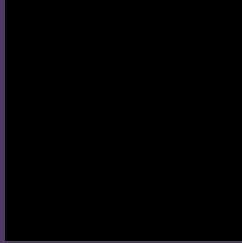
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 523C63 Background



This preview shows how black text looks on a background with the Hex color 523C63.



This preview shows how white text looks on a background with the Hex color 523C63.

# 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**  
523C63

**Protanopia**  
38446A

**Deuteranopia**  
3B4461



**Tritanopia**  
4D4247

# Trichromacy



**Original Color**

523C63

**Protanomaly**

414167

**Deuteranomaly**

434162

**Tritanomaly**

4F4051

# Monochromacy



**Original Color**

523C63

**Achromatopsia**

474747

**Achromatomaly**

4B4351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 523C63 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 #523C63 looks like.

```
.text, #text, p{  
    color:#523C63  
}
```

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 #523C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523C63
}
```

## Border

The CSS property to change the border of an element to Hex 523C63 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
#523C63 }
```

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

```
.border{ border-color:#523C63 }
```

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

Here you see how a box with a 4 pixel #523C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523C63; -webkit-box-shadow:4px 4px  
4px 4px #523C63; box-shadow:4px 4px 4px  
4px #523C63 }
```

# Background

The CSS property to change the background color of an element to Hex 523C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523C63 }
```

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

```
.background{ background-color:#523C63 }
```

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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