

# Converting Colors

Hex(522C68)

Have a look what the booklet for  
Hex(522C68) contains.

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# Color

Hex(522C68)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	522C68
RGB	82, 44, 104
RGB Percent	32%, 17%, 41%
CMY	0.6784, 0.8275, 0.5922
CMYK	0.21, 0.58, 0.00, 0.59
HSL	278°, 41%, 29%
HSV	278°, 58%, 41%
XYZ	6.8790, 4.5947, 13.6210
YIQ	62.2020, 3.3880, 26.7160

# Conversions

## Conversions Part 2

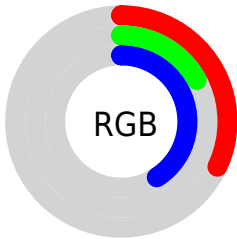
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 44, 104
Decimal	5385320
CIE Lab	25.55, 29.29, -28.39
CIE LCh	26, 40.790, 315.887
Yxy	4.5947, 0.2741, 0.1831
Android (android.graphics.Color)	4283575400 (0xFF522C68)
YUV	62.2020, 20.6064, 17.3628
Hunter-Lab	21.4352, 19.7731, -22.6712

# Details

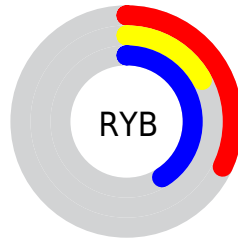
The Hex color **522C68** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42682C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **855B9C**, and **220038** is the 20% darker color. If you saturate the color by 10%, you get **4E2268**, and if you desaturate by 10%, it is **563668**.

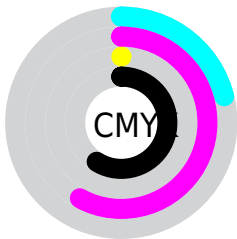
# Distribution



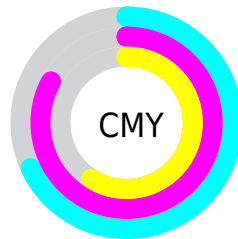
- Red (32%)
- Green (17%)
- Blue (41%)



- Red (32%)
- Yellow (17%)
- Blue (41%)



- Cyan (21%)
- Magenta (58%)
- Yellow (0%)
- Black (59%)



- Cyan (68%)
- Magenta (83%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 522C68 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 522C68 by changing the saturation by 10% instead.





522C68



522C68

FFFFFF



3A1550



855B9C



220038



A074B7



010022



BB8ED2



000008



D7A9EF



000000



F4C5FF



FFE1FF



FFFEFF



522C68



522C68

■ 4E2268

■ 563668

■ 4A1768

■ 5A4168

■ 470D68

■ 5D4B68

■ 430268

■ 615668

■ 420068

■ 656068

■ 696A68

■ 6D7568

■ 717F68

■ 748A68

# Harmonies

## Analogous

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



133B79



522C68



6C1D4C

# Triad

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



522C68



573600



004A4D

# Complementary

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



522C68



42682C

# 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.



00492C



522C68



3B4000

# Square

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



522C68



6A2810



13460C



004969

# Rectangle

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



522C68



721938



13460C



004A42



# Sweetspot

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



522C68



7F7087



2C4268



403745



C4C4C4



454545



# Same Dimension

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



522C68



652A87



682C60



312E33



490073



9900F2



# Inverse Universe

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



682C42



872A4C



2C6834



332E30



73002A

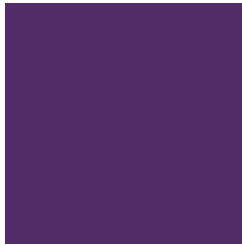


F20059



# Previews

## White Background



This preview shows how the Hex color 522C68 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

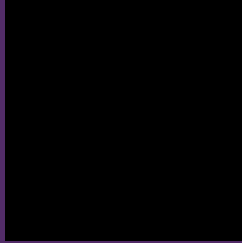
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 522C68 Background



This preview shows how black text looks on a background with the Hex color 522C68.



This preview shows how white text looks on a background with the Hex color 522C68.

# 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](#).

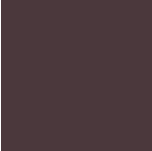
## Dichromacy



**Original Color**  
522C68

**Protanopia**  
193B77

**Deuteranopia**  
243D65



**Tritanopia**  
4B383C

# Trichromacy



**Original Color**  
522C68

**Protanomaly**  
2E3672

**Deuteranomaly**  
353766

**Tritanomaly**  
4E344C

# Monochromacy



**Original Color**  
522C68

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
45374D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 522C68 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 #522C68 looks like.

```
.text, #text, p{  
    color:#522C68  
}
```

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 #522C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522C68
}
```

## Border

The CSS property to change the border of an element to Hex 522C68 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
#522C68 }
```

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

```
.border{ border-color:#522C68 }
```

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

Here you see how a box with a 4 pixel #522C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522C68; -webkit-box-shadow:4px 4px  
4px 4px #522C68; box-shadow:4px 4px 4px  
4px #522C68 }
```

# Background

The CSS property to change the background color of an element to Hex 522C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522C68 }
```

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

```
.background{ background-color:#522C68 }
```

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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