

# Converting Colors

Hex(521738)

Have a look what the booklet for  
Hex(521738) contains.

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**Color**

**Hex(521738)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	521738
RGB	82, 23, 56
RGB Percent	32%, 9%, 22%
CMY	0.6784, 0.9098, 0.7804
CMYK	0.00, 0.72, 0.32, 0.68
HSL	326°, 56%, 21%
HSV	326°, 72%, 32%
XYZ	4.4999, 2.6922, 4.0238
YIQ	44.4030, 24.5710, 22.7710

# Conversions

## Conversions Part 2

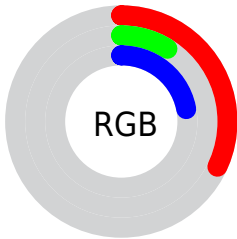
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 23, 56
Decimal	5379896
CIELab	18.77, 31.03, -6.68
CIELCh	19, 31.736, 347.856
Yxy	2.6922, 0.4012, 0.2400
Android (android.graphics.Color)	4283569976 (0xFF521738)
YUV	44.4030, 5.7173, 32.9726
Hunter-Lab	16.4078, 20.2405, -3.0548

# Details

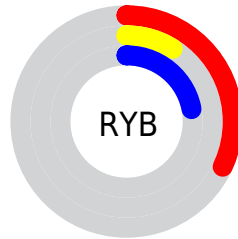
The Hex color **521738** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **175231**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **864767**, and **25000C** is the 20% darker color. If you saturate the color by 10%, you get **520F34**, and if you desaturate by 10%, it is **521F3C**.

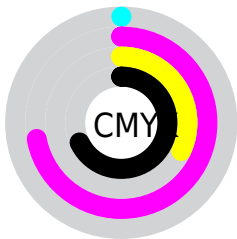
# Distribution



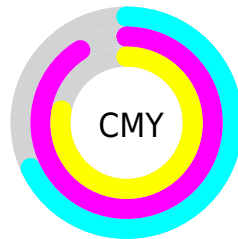
- Red (32%)
- Green (9%)
- Blue (22%)



- Red (32%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (72%)
- Yellow (32%)
- Black (68%)



- Cyan (68%)
- Magenta (91%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 521738 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 521738 by changing the saturation by 10% instead.



 521738

 521738

FFFFFF

 390023

 864767

 25000C

 A16080

 000000

 BC799A

 D993B5

 F6AED0

 FFCAEC

 FFE6FF

 521738

 521738

■ 520F34

■ 521F3C

■ 520731

■ 52273F

■ 52002E

■ 523043

■ 523846

■ 52404A

■ 52484E

■ 525051

■ 525955

■ 526159

# Harmonies

## Analogous

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



40214D



521738



561621

# Triad

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



521738



2C3100



00374F

# Complementary

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



521738



175231

# 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.



00383B



521738



0E350C

# Square

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



521738



412900



003823



00335B

# Rectangle

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



521738



531C13



003823



003849



# Sweetspot

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



521738



6B5461



311752



36282F



B5B5B5



363636



# Same Dimension

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



521738



6B0F43



52171B



292527



69003A



E80082



# Inverse Universe

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



521738



6B0F43



17524E



292527



69003A

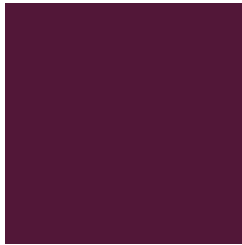


E80082



# Previews

## White Background



This preview shows how the Hex color 521738 looks on a white background.

## Color Contrast Check

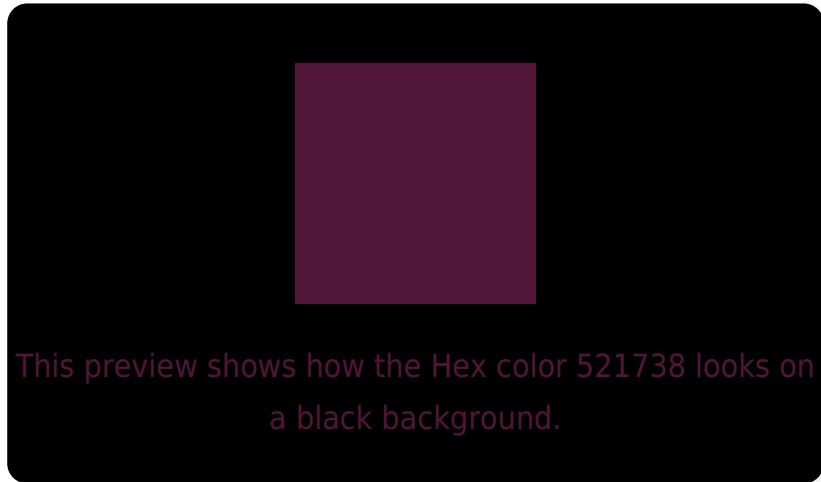
Large Text (above 18pt) WCAG AA ✓ Pass

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

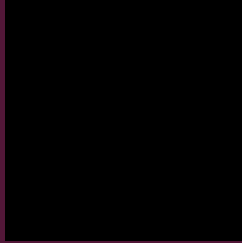
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 521738 Background



This preview shows how black text looks on a background with the Hex color 521738.



This preview shows how white text looks on a background with the Hex color 521738.

# 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**  
521738

**Protanopia**  
262E48

**Deuteranopia**  
312E35



**Tritanopia**  
501E20

# Trichromacy



**Original Color**  
521738

**Protanomaly**  
362642

**Deuteranomaly**  
3D2636

**Tritanomaly**  
511B29

# Monochromacy



**Original Color**  
521738

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
3A2430

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 521738 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 #521738 looks like.

```
.text, #text, p{  
    color:#521738  
}
```

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 #521738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #521738
}
```

## Border

The CSS property to change the border of an element to Hex 521738 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".

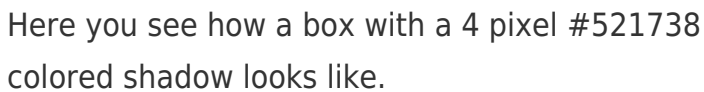
```
.border, #border, table{ border:4px solid
#521738 }
```

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

```
.border{ border-color:#521738 }
```

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

Here you see how a box with a 4 pixel #521738 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #521738; -webkit-box-shadow:4px 4px  
4px 4px #521738; box-shadow:4px 4px 4px  
4px #521738 }
```

# Background

The CSS property to change the background color of an element to Hex 521738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#521738 }
```

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

```
.background{ background-color:#521738 }
```

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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