

# Converting Colors

Hex(542C83)

Have a look what the booklet for  
Hex(542C83) contains.

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# Color

Hex(542C83)

# Conversions

## Conversions Part 1

Format	Color
Hex	542C83
RGB	84, 44, 131
RGB Percent	33%, 17%, 51%
CMY	0.6706, 0.8275, 0.4863
CMYK	0.36, 0.66, 0.00, 0.49
HSL	268°, 50%, 34%
HSV	268°, 66%, 51%
XYZ	8.6536, 5.3249, 22.0444
YIQ	65.8780, -4.0870, 35.5370

# Conversions

## Conversions Part 2

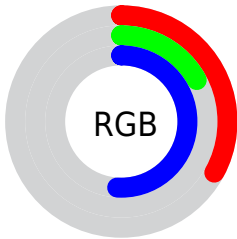
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 44, 131
Decimal	5516419
CIE Lab	27.64, 36.83, -42.20
CIE LCh	28, 56.006, 311.113
Yxy	5.3249, 0.2402, 0.1478
Android (android.graphics.Color)	4283706499 (0xFF542C83)
YUV	65.8780, 32.1051, 15.8930
Hunter-Lab	23.0757, 26.5565, -40.4873

# Details

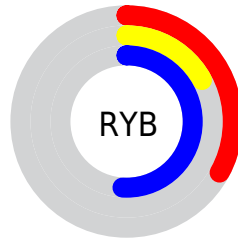
The Hex color **542C83** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B832C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **895CB9**, and **1F0051** is the 20% darker color. If you saturate the color by 10%, you get **4D1F83**, and if you desaturate by 10%, it is **5B3983**.

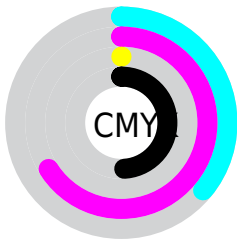
# Distribution



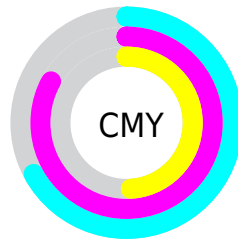
- Red (33%)
- Green (17%)
- Blue (51%)



- Red (33%)
- Yellow (17%)
- Blue (51%)



- Cyan (36%)
- Magenta (66%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (83%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 542C83 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 542C83 by changing the saturation by 10% instead.



■ 542C83

■ 542C83

FFFFFF

■ 3A1469

■ 895CB9

■ 1F0051

■ A476D5

■ 060039

■ C090F1

■ 000222

■ DDABFF

■ 000009

■ FAC6FF

■ 000000

■ FFE2FF

■ 542C83

■ 542C83

■ 4D1F83

■ 5B3983

■ 461283

■ 624683

■ 3F0583

■ 695383

■ 3C0083

■ 706083

■ 776E83

■ 7E7B83

■ 868883

■ 8D9583

■ 94A283

# Harmonies

## Analogous

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



004297



542C83



7E045E

# Triad

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



542C83



673500



005351

# Complementary

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



542C83



5B832C

# 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.



005123



542C83



434500

# Square

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



542C83



801A08



054D00



00527A

# Rectangle

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



542C83



890042



054D00



005242



# Sweetspot

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



542C83



9889AB



2C5C83



4B4257



D6D6D6



575757



# Same Dimension

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



542C83



6122AB



7F2C83



3F3C42



3C0082



010003



# Inverse Universe

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



832C5B



AB226C



30832C



423C3F



820046

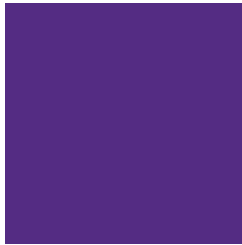


030001



# Previews

## White Background



This preview shows how the Hex color 542C83 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

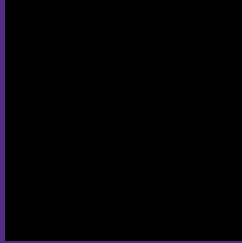
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 542C83 Background



This preview shows how black text looks on a background with the Hex color 542C83.



This preview shows how white text looks on a background with the Hex color 542C83.

# 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**  
542C83

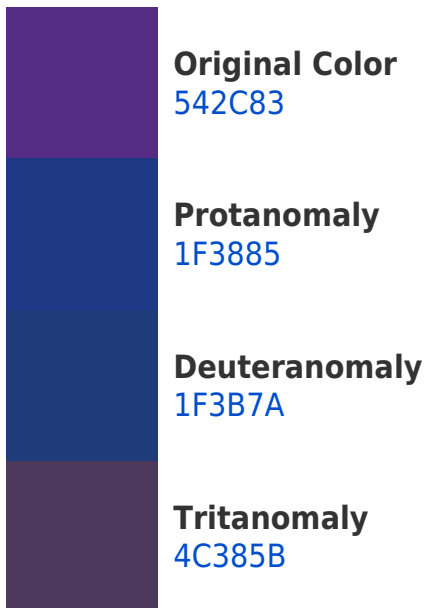
**Protanopia**  
003F86

**Deuteranopia**  
004375

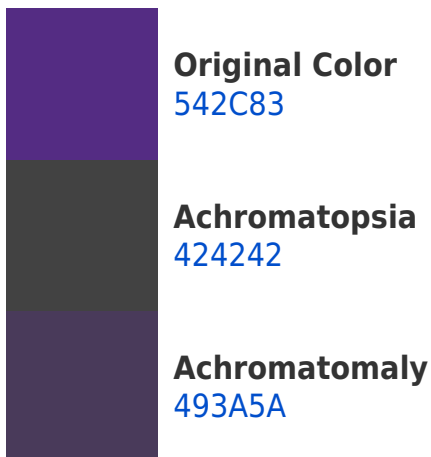


**Tritanopia**  
473F44

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 542C83 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 #542C83 looks like.

```
.text, #text, p{  
    color:#542C83  
}
```

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 #542C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542C83
}
```

## Border

The CSS property to change the border of an element to Hex 542C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

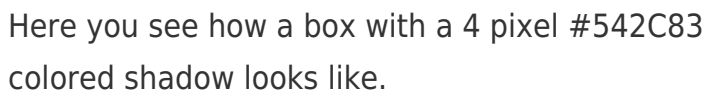
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#542C83 }
```

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

```
.border{ border-color:#542C83 }
```

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



Here you see how a box with a 4 pixel #542C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542C83; -webkit-box-shadow:4px 4px  
4px 4px #542C83; box-shadow:4px 4px 4px  
4px #542C83 }
```

# Background

The CSS property to change the background color of an element to Hex 542C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542C83 }
```

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

```
.background{ background-color:#542C83 }
```

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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