

# Converting Colors

Hex(537DCA)

Have a look what the booklet for  
Hex(537DCA) contains.

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# Color

**Hex(537DCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	537DCA
RGB	83, 125, 202
RGB Percent	33%, 49%, 79%
CMY	0.6745, 0.5098, 0.2078
CMYK	0.59, 0.38, 0.00, 0.21
HSL	219°, 53%, 56%
HSV	219°, 59%, 79%
XYZ	21.5616, 20.7705, 58.7498
YIQ	121.2200, -49.7490, 15.0430

# Conversions

## Conversions Part 2

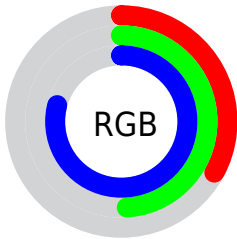
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 114, 202
Decimal	5471690
CIE <sub>Lab</sub>	52.70, 8.83, -44.38
CIE <sub>LCh</sub>	53, 45.248, 281.257
Yxy	20.7705, 0.2133, 0.2055
Android (android.graphics.Color)	4283661770 (0xFF537DCA)
YUV	121.2200, 39.8245, -33.5189
Hunter-Lab	45.5747, 4.6934, -44.5278

# Details

The Hex color **537DCA** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **CAA053**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8DB1FF**, and **024D93** is the 20% darker color. If you saturate the color by 10%, you get **3F70CA**, and if you desaturate by 10%, it is **678ACA**.

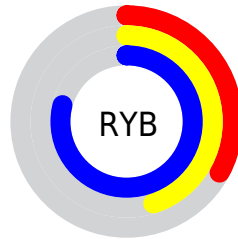
# Distribution



Red (33%)

Green (49%)

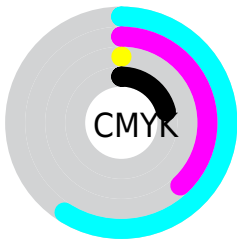
Blue (79%)



Red (33%)

Yellow (45%)

Blue (79%)

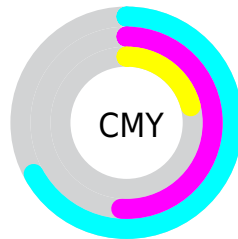


Cyan (59%)

Magenta (38%)

Yellow (0%)

Black (21%)



Cyan (67%)

Magenta (51%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537DCA 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 537DCA by changing the saturation by 10% instead.



■ 537DCA

■ 537DCA

FFFFFF

■ 3464AE

■ 8DB1FF

■ 024D93

■ AACDFF

■ 003679

■ C7E9FF

■ 002260

■ E4FFFF

■ 000B48

■ 000430

■ 00011B

■ 000000

■ 537DCA

■ 537DCA

■ 3F70CA

■ 678ACA

■ 2B63CA

■ 7B97CA

■ 1656CA

■ 90A4CA

■ 0249CA

■ A4B1CA

■ 0047CA

■ B8BECA

■ CCCBCA

■ E0D8CA

■ F5E6CA

■ FFF3CA

# Harmonies

## Analogous

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



0089C7



537DCA



936EB8

# Triad

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



537DCA



BF644C



0F8F63

# Complementary

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



537DCA



CAA053

# 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.



5B8A41



537DCA



A87332

# Square

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



537DCA



C65C71



86802D



00918C

# Rectangle

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



537DCA



AF64A4



86802D



348E57



# Sweetspot

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



537DCA



D1E1FF



53CA9E



636D80



000000



808080



# Same Dimension

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



537DCA



4A8AFF



6353CA



5C5F66



003BA6



000E26



# Inverse Universe

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



CA537D



FF4A8A



BACA53



665C5F



A6003A



26000D



# Previews

## White Background



This preview shows how the Hex color 537DCA looks on a white background.

## Color Contrast Check

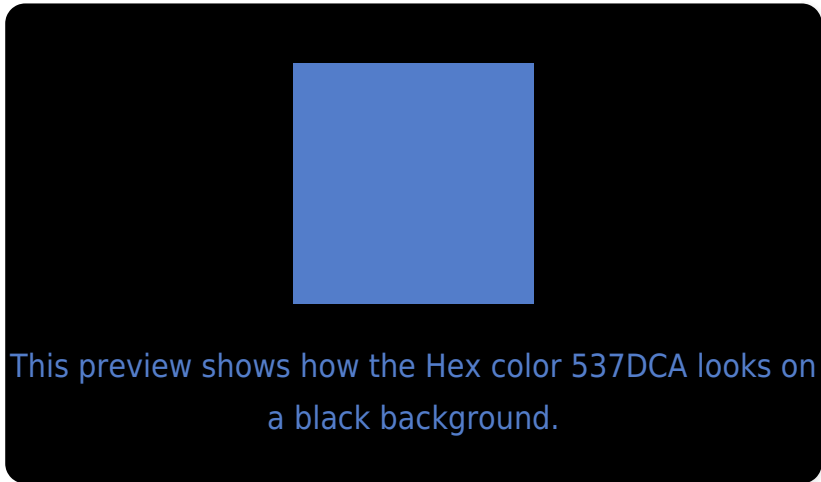
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

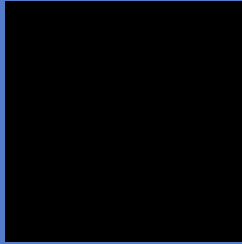
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 537DCA Background



This preview shows how black text looks on a background with the Hex color 537DCA.

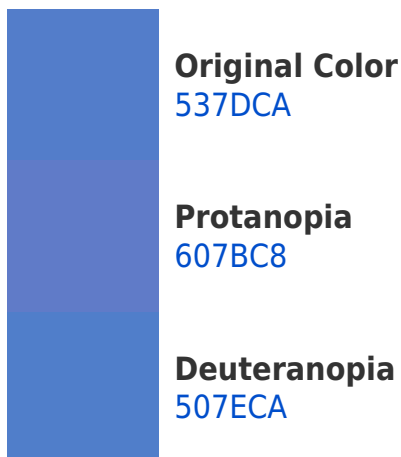


This preview shows how white text looks on a background with the Hex color 537DCA.

# 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](#).

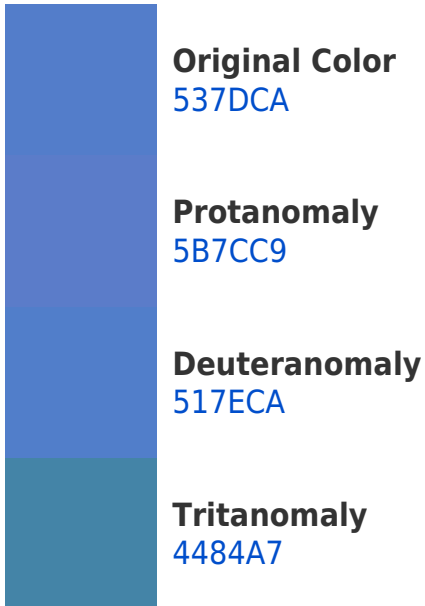
## Dichromacy



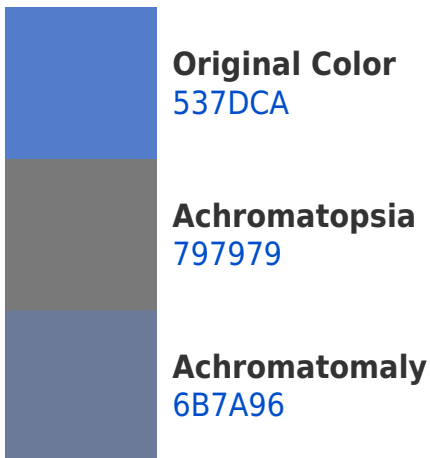


**Tritanopia**  
3C8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537DCA 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 #537DCA looks like.

```
.text, #text, p{  
    color:#537DCA  
}
```

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 #537DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537DCA
}
```

## Border

The CSS property to change the border of an element to Hex 537DCA 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
#537DCA }
```

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

```
.border{ border-color:#537DCA }
```

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

Here you see how a box with a 4 pixel #537DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537DCA; -webkit-box-shadow:4px 4px  
4px 4px #537DCA; box-shadow:4px 4px 4px  
4px #537DCA }
```

# Background

The CSS property to change the background color of an element to Hex 537DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537DCA }
```

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

```
.background{ background-color:#537DCA }
```

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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