

Converting Colors

Hex(537CC7)

Have a look what the booklet for
Hex(537CC7) contains.

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Color

Hex(537CC7)

Conversions

Conversions Part 1

Format	Color
Hex	537CC7
RGB	83, 124, 199
RGB Percent	33%, 49%, 78%
CMY	0.6745, 0.5137, 0.2196
CMYK	0.58, 0.38, 0.00, 0.22
HSL	219°, 51%, 55%
HSV	219°, 58%, 78%
XYZ	21.0837, 20.3778, 56.8549
YIQ	120.2910, -48.5110, 14.6330

Conversions

Conversions Part 2

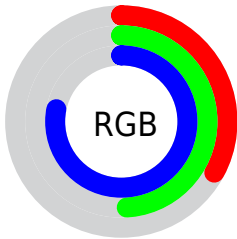
Format	Color
R _Y B	83, 113, 199
Decimal	5471431
CIE Lab	52.26, 8.44, -43.36
CIE LCh	52, 44.173, 281.016
Yxy	20.3778, 0.2144, 0.2073
Android (android.graphics.Color)	4283661511 (0xFF537CC7)
YUV	120.2910, 38.8035, -32.7042
Hunter-Lab	45.1418, 4.3713, -43.0749

Details

The Hex color **537CC7** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C79E53**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8DB0FF**, and **054C91** is the 20% darker color. If you saturate the color by 10%, you get **3F6FC7**, and if you desaturate by 10%, it is **6789C7**.

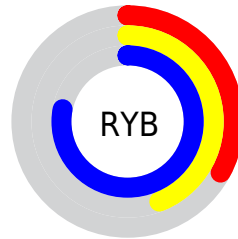
Distribution



Red (33%)

Green (49%)

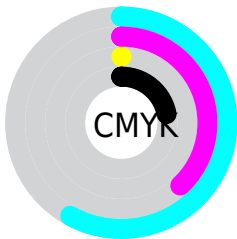
Blue (78%)



Red (33%)

Yellow (44%)

Blue (78%)

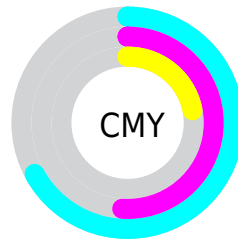


Cyan (58%)

Magenta (38%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537CC7 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 537CC7 by changing the saturation by 10% instead.

■ 537CC7

■ 537CC7

FFFFFF

■ 3463AB

■ 8DB0FF

■ 054C91

■ A9CCFF

■ 003677

■ C6E8FF

■ 00215D

■ E4FFFF

■ 000945

■ 00042E

■ 000119

■ 000000

■ 537CC7

■ 537CC7

■ 3F6FC7

■ 6789C7

■ 2B62C7

■ 7B96C7

■ 1755C7

■ 8FA3C7

■ 0349C7

■ A3AFC7

■ 0046C7

■ B7BCC7

■ CAC9C7

■ DED6C7

■ F2E3C7

■ FFF0C7

Harmonies

Analogous

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



0087C4



537CC7



916DB6

Triad

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



537CC7



BC644D



178E63

Complementary

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



537CC7



C79E53

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.



5C8841



537CC7



A67234

Square

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



537CC7



C35C70



857F2E



00908A

Rectangle

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



537CC7



AC63A2



857F2E



378C56

Sweetspot

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



537CC7



D4E3FF



53C79C



666F80



000000



808080

Same Dimension

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



537CC7



4D8CFF



6253C7



5A5D63



003AA3



000D24

Inverse Universe

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



C7537C



FF4D8C



B8C753



635A5D



A3003A



24000D

Previews

White Background



This preview shows how the Hex color 537CC7 looks on a white background.

Color Contrast Check

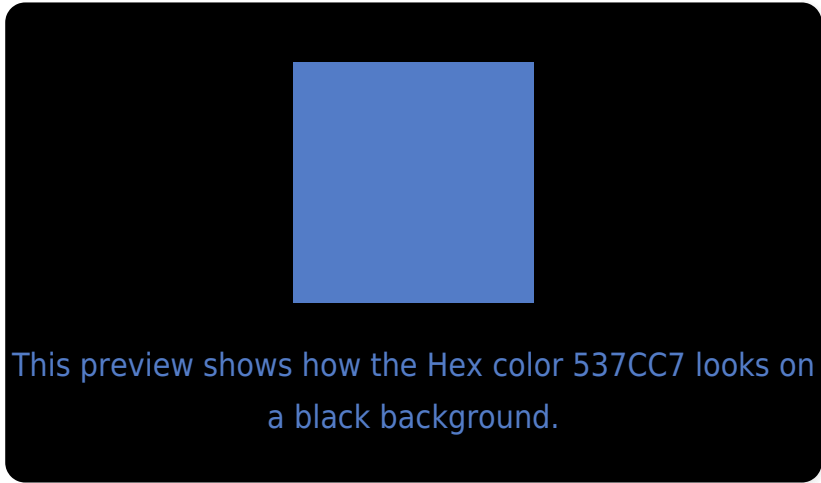
Large Text (above 18pt) WCAG AA ✓ Pass

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

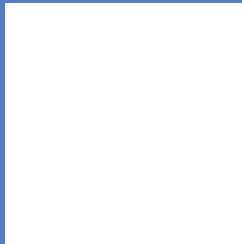
Any Text WCAG AAA × Fail

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

Hex 537CC7 Background



This preview shows how black text looks on a background with the Hex color 537CC7.



This preview shows how white text looks on a background with the Hex color 537CC7.

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
537CC7

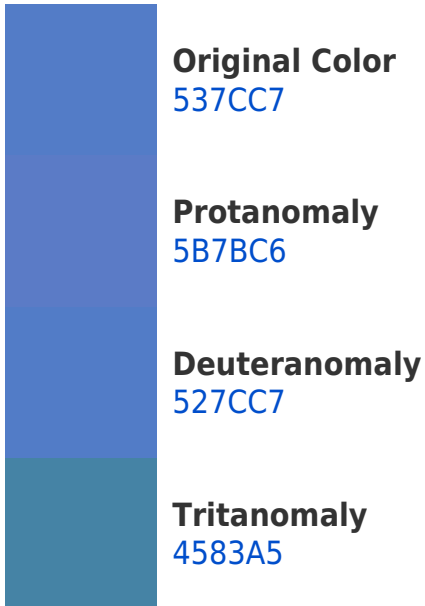
Protanopia
607AC5

Deuteranopia
517CC7

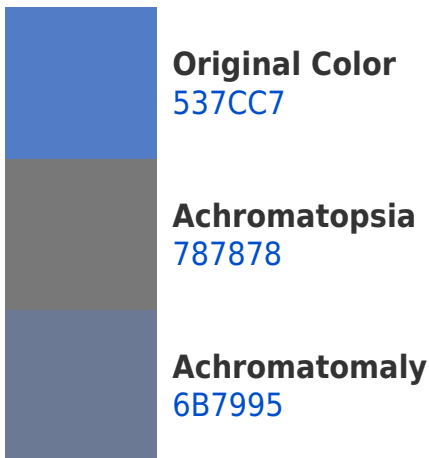


Tritanopia
3D8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537CC7 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 #537CC7 looks like.

```
.text, #text, p{  
    color:#537CC7  
}
```

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 #537CC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537CC7
}
```

Border

The CSS property to change the border of an element to Hex 537CC7 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
#537CC7 }
```

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

```
.border{ border-color:#537CC7 }
```

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

Here you see how a box with a 4 pixel #537CC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537CC7; -webkit-box-shadow:4px 4px  
4px 4px #537CC7; box-shadow:4px 4px 4px  
4px #537CC7 }
```

Background

The CSS property to change the background color of an element to Hex 537CC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537CC7 }
```

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

```
.background{ background-color:#537CC7 }
```

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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