

Converting Colors

Hex(537BB7)

Have a look what the booklet for
Hex(537BB7) contains.

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Color

Hex(537BB7)

Conversions

Conversions Part 1

Format	Color
Hex	537BB7
RGB	83, 123, 183
RGB Percent	33%, 48%, 72%
CMY	0.6745, 0.5176, 0.2824
CMYK	0.55, 0.33, 0.00, 0.28
HSL	216°, 41%, 52%
HSV	216°, 55%, 72%
XYZ	19.1975, 19.4238, 47.5371
YIQ	117.8800, -43.1000, 10.1800

Conversions

Conversions Part 2

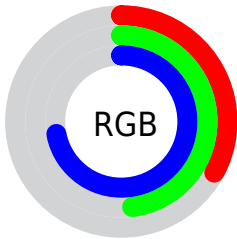
Format	Color
R _Y B	83, 112, 183
Decimal	5471159
CIE Lab	51.18, 3.80, -35.90
CIE LCh	51, 36.098, 276.037
Yxy	19.4238, 0.2228, 0.2254
Android (android.graphics.Color)	4283661239 (0xFF537BB7)
YUV	117.8800, 32.1042, -30.5898
Hunter-Lab	44.0725, 0.6259, -33.1002

Details

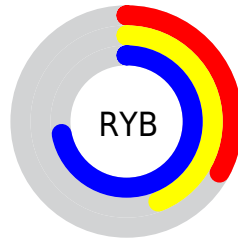
The Hex color **537BB7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B78F53**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8BAFEF**, and **124B82** is the 20% darker color. If you saturate the color by 10%, you get **4170B7**, and if you desaturate by 10%, it is **6586B7**.

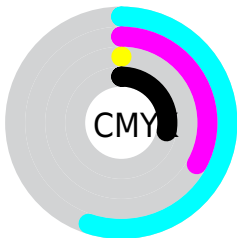
Distribution



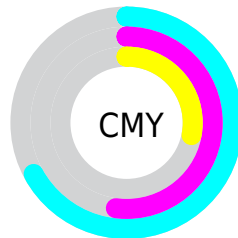
- Red (33%)
- Green (48%)
- Blue (72%)



- Red (33%)
- Yellow (44%)
- Blue (72%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)
- Black (28%)



- Cyan (67%)
- Magenta (52%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537BB7 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 537BB7 by changing the saturation by 10% instead.

■ 537BB7

■ 537BB7

FFFFFF

■ 36629C

■ 8BAFEF

■ 124B82

■ A7CBFF

■ 003468

■ C3E7FF

■ 002050

■ E0FFFF

■ 000639

FEFFFF

■ 000222

■ 000008

■ 000000

■ 537BB7

■ 537BB7

■ 4170B7

■ 6586B7

■ 2E65B7

■ 7891B7

■ 1C5AB7

■ 8A9CB7

■ 0A4FB7

■ 9CA7B7

■ 0049B7

■ AFB2B7

■ C1BDB7

■ D3C8B7

■ E5D3B7

■ F8DEB7

Harmonies

Analogous

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



0084B2



537BB7



856FAC

Triad

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



537BB7



B16557



3D8860

Complementary

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



537BB7



B78F53

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.



668346



537BB7



A16F42

Square

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



537BB7



B46175



877A3B



008A7F

Rectangle

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



537BB7



9C689D



877A3B



4C8756

Sweetspot

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



537BB7



C7D6ED



53B78F



616A78



F7F7F7



787878

Same Dimension

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



537BB7



518FED



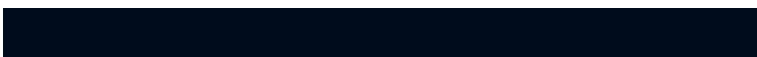
5D53B7



53565C



003E9C



000B1C

Inverse Universe

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



B7537B



ED518F



ADB753



5C5356



9C003E



1C000B

Previews

White Background



This preview shows how the Hex color 537BB7 looks on a white background.

Color Contrast Check

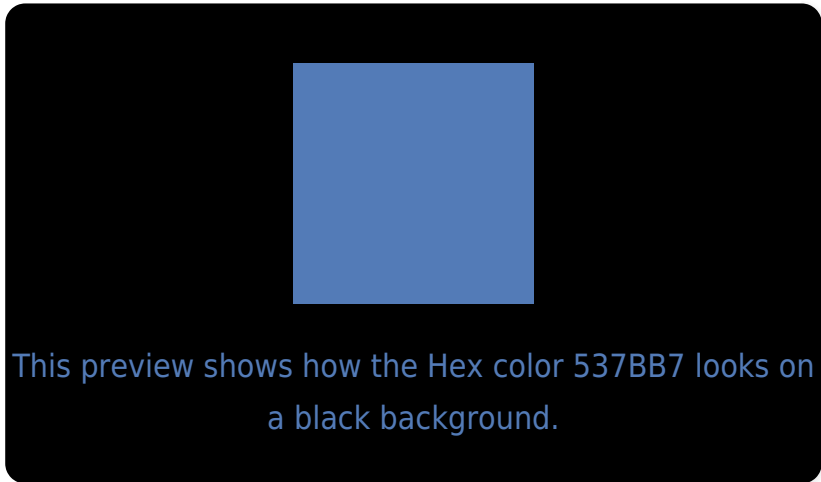
Large Text (above 18pt) WCAG AA ✓ Pass

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

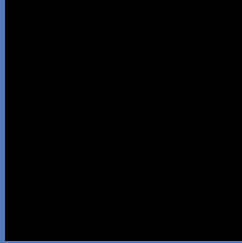
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

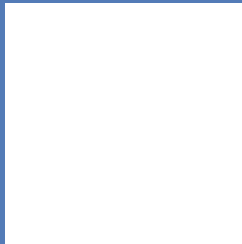
Any Text WCAG AAA × Fail

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

Hex 537BB7 Background



This preview shows how black text looks on a background with the Hex color 537BB7.

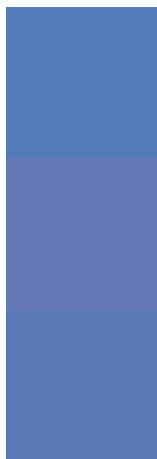


This preview shows how white text looks on a background with the Hex color 537BB7.

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
537BB7

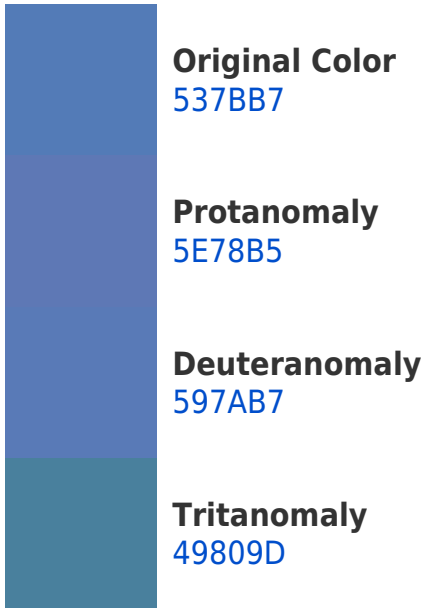
Protanopia
6577B4

Deuteranopia
5C79B7



Tritanopia
44838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537BB7 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 #537BB7 looks like.

```
.text, #text, p{  
    color:#537BB7  
}
```

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 #537BB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537BB7
}
```

Border

The CSS property to change the border of an element to Hex 537BB7 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
#537BB7 }
```

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

```
.border{ border-color:#537BB7 }
```

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

Here you see how a box with a 4 pixel #537BB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537BB7; -webkit-box-shadow:4px 4px  
4px 4px #537BB7; box-shadow:4px 4px 4px  
4px #537BB7 }
```

Background

The CSS property to change the background color of an element to Hex 537BB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537BB7 }
```

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

```
.background{ background-color:#537BB7 }
```

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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