

Converting Colors

Hex(547AB3)

Have a look what the booklet for
Hex(547AB3) contains.

Hex(547AB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(547AB3)

Conversions

Conversions Part 1

Format	Color
Hex	547AB3
RGB	84, 122, 179
RGB Percent	33%, 48%, 70%
CMY	0.6706, 0.5216, 0.2980
CMYK	0.53, 0.32, 0.00, 0.30
HSL	216°, 38%, 52%
HSV	216°, 53%, 70%
XYZ	18.7524, 19.0586, 45.3381
YIQ	117.1360, -40.9450, 9.6710

Conversions

Conversions Part 2

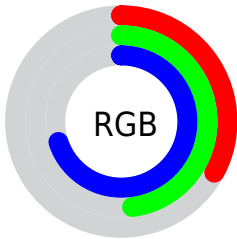
Format	Color
R_{YB}	84, 111, 179
Decimal	5536435
CIE _{Lab}	50.76, 3.34, -34.25
CIE _{LCh}	51, 34.414, 275.566
Yxy	19.0586, 0.2255, 0.2292
Android (android.graphics.Color)	4283726515 (0xFF547AB3)
YUV	117.1360, 30.4990, -29.0603
Hunter-Lab	43.6561, 0.2760, -31.0151

Details

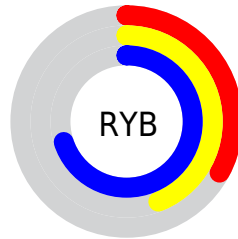
The Hex color **547AB3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B38D54**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8BAEEB**, and **174A7E** is the 20% darker color. If you saturate the color by 10%, you get **426FB3**, and if you desaturate by 10%, it is **6685B3**.

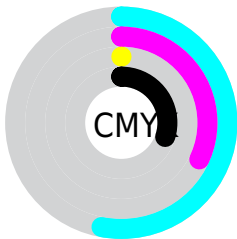
Distribution



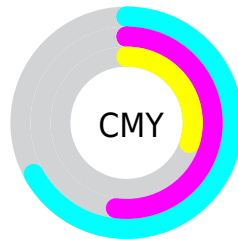
- Red (33%)
- Green (48%)
- Blue (70%)



- Red (33%)
- Yellow (44%)
- Blue (70%)



- Cyan (53%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (67%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 547AB3 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 547AB3 by changing the saturation by 10% instead.

■ 547AB3

■ 547AB3

FFFFFF

■ 386198

■ 8BAEEB

■ 174A7E

■ A7C9FF

■ 003465

■ C4E5FF

■ 001F4C

■ E1FFFF

■ 000535

FEFFFF

■ 00021F

■ 000003

■ 000000

■ 547AB3

■ 547AB3

■ 426FB3

■ 6685B3

■ 3065B3

■ 788FB3

■ 1E5AB3

■ 8A9AB3

■ 0C4FB3

■ 9CA5B3

■ 0048B3

■ AEB0B3

■ BFBAB3

■ D1C5B3

■ E3D0B3

■ F5DBB3

Harmonies

Analogous

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



0082AE



547AB3



836FA9

Triad

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



547AB3



AE6558



418660

Complementary

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



547AB3



B38D54

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.



678148



547AB3



9F6F44

Square

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



547AB3



B06174



86793D



00887E

Rectangle

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



547AB3



99689A



86793D



4F8557

Sweetspot

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



547AB3



C3D2E8



54B38D



5F6875



F5F5F5



757575

Same Dimension

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



547AB3



548FE8



5C54B3



505459



003D99



000A1A

Inverse Universe

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



B3547A



E8548F



AAB354



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 547AB3 looks on a white background.

Color Contrast Check

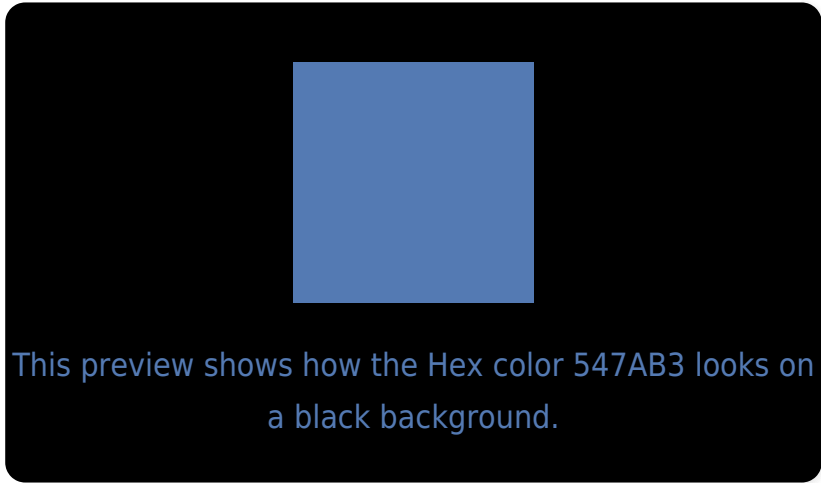
Large Text (above 18pt) WCAG AA ✓ Pass

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

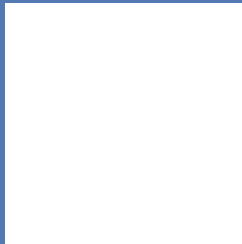
Any Text WCAG AAA × Fail

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

Hex 547AB3 Background



This preview shows how black text looks on a background with the Hex color 547AB3.

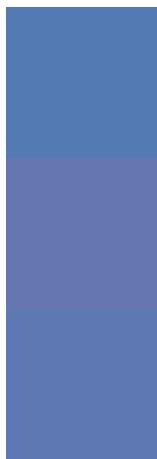


This preview shows how white text looks on a background with the Hex color 547AB3.

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
547AB3

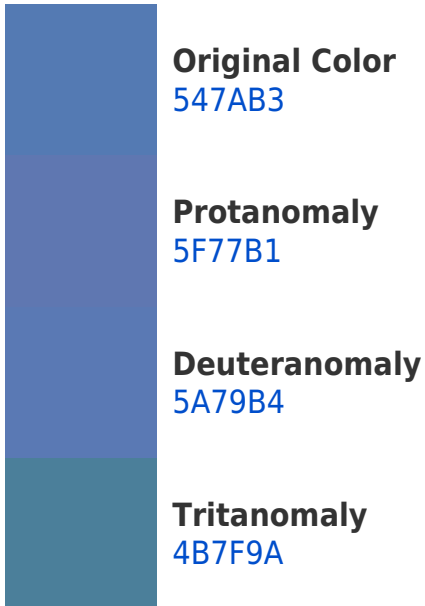
Protanopia
6576B0

Deuteranopia
5E78B4



Tritanopia
46828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 547AB3 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 #547AB3 looks like.

```
.text, #text, p{  
    color:#547AB3  
}
```

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 #547AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547AB3  
}
```

Border

The CSS property to change the border of an element to Hex 547AB3 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  
#547AB3 }
```

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

```
.border{ border-color:#547AB3 }
```

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

Here you see how a box with a 4 pixel #547AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547AB3; -webkit-box-shadow:4px 4px  
4px 4px #547AB3; box-shadow:4px 4px 4px  
4px #547AB3 }
```

Background

The CSS property to change the background color of an element to Hex 547AB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547AB3 }
```

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

```
.background{ background-color:#547AB3 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor