

Converting Colors

Hex(8547D7)

Have a look what the booklet for
Hex(8547D7) contains.

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Color

Hex(8547D7)

Conversions

Conversions Part 1

Format	Color
Hex	8547D7
RGB	133, 71, 215
RGB Percent	52%, 28%, 84%
CMY	0.4784, 0.7216, 0.1569
CMYK	0.38, 0.67, 0.00, 0.16
HSL	266°, 64%, 56%
HSV	266°, 67%, 84%
XYZ	24.1918, 14.3993, 65.7943
YIQ	105.9540, -9.2720, 57.9280

Conversions

Conversions Part 2

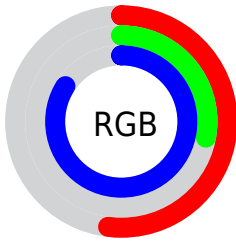
Format	Color
R_{YB}	133, 71, 215
Decimal	8734679
CIE _{Lab}	44.80, 54.80, -64.26
CIE _{LCh}	45, 84.451, 310.458
Yxy	14.3993, 0.2318, 0.1379
Android (android.graphics.Color)	4286924759 (0xFF8547D7)
YUV	105.9540, 53.7597, 23.7193
Hunter-Lab	37.9464, 47.3922, -76.2388

Details

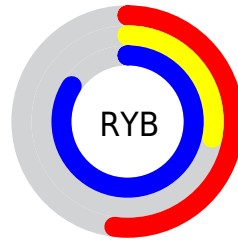
The Hex color **8547D7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **99D747**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BF7BFF**, and **4B109F** is the 20% darker color. If you saturate the color by 10%, you get **7931D7**, and if you desaturate by 10%, it is **915DD7**.

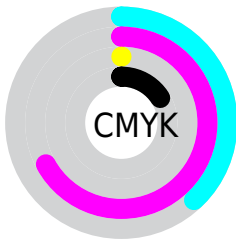
Distribution



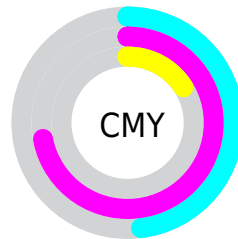
- Red (52%)
- Green (28%)
- Blue (84%)



- Red (52%)
- Yellow (28%)
- Blue (84%)



- Cyan (38%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (72%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8547D7 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 8547D7 by changing the saturation by 10% instead.

 8547D7

 8547D7

FFFFFF

 682DBB

 BF7BFF

 4B109F

 DD96FF

 2B0084

 FBB2FF

 00006A

 FFCEFF

 000051

 FFE8FF

 000539

 000222

 000009

 000000

 8547D7

 8547D7

 7931D7

 915DD7

 6D1CD7

 9D72D7

 6006D7

 AA88D7

 5D00D7

 B69DD7

 C2B3D7

 CEC8D7

 DBDED7

 E7F3D7

 F3FFD7

Harmonies

Analogous

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



006CF7



8547D7



CC009B

Triad

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



8547D7



A65500



008682

Complementary

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



8547D7



99D747

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.



008337



8547D7



6C6F00

Square

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



8547D7



CF200B



007D00



0085C5

Rectangle

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



8547D7



DE006C



007D00



008569

Sweetspot

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



8547D7



E2CCFF



479BD7



6E6180



000000



808080

Same Dimension

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



8547D7



8B33FF



CB47D7



65606B



4A00AB



13002B

Inverse Universe

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



D74799



FF33A7



53D747



6B6066



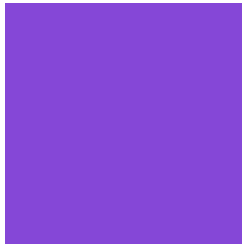
AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 8547D7 looks on a white background.

Color Contrast Check

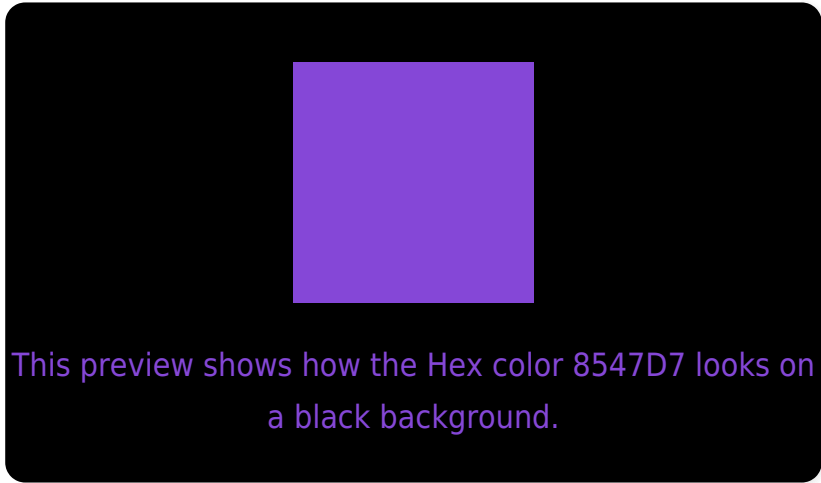
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

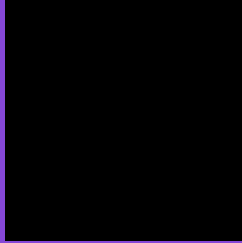
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8547D7 Background



This preview shows how black text looks on a background with the Hex color 8547D7.

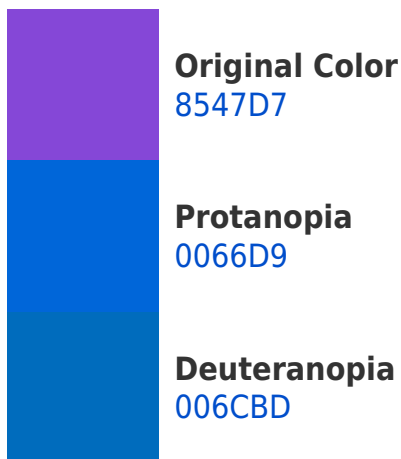


This preview shows how white text looks on a background with the Hex color 8547D7.

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](#).

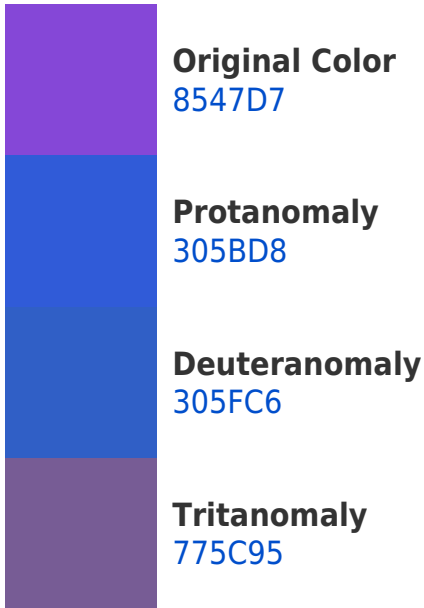
Dichromacy



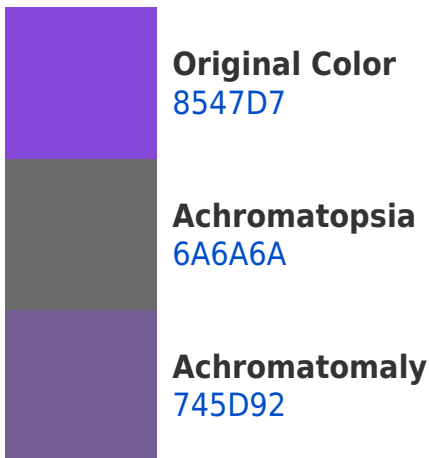


Tritanopia
6F6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8547D7 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 #8547D7 looks like.

```
.text, #text, p{  
  color:#8547D7  
}
```

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 #8547D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8547D7
}
```

Border

The CSS property to change the border of an element to Hex 8547D7 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".

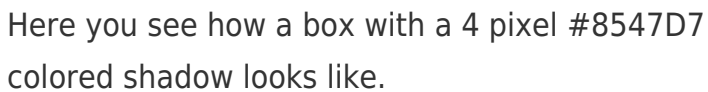
```
.border, #border, table{ border:4px solid
#8547D7 }
```

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

```
.border{ border-color:#8547D7 }
```

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

Here you see how a box with a 4 pixel #8547D7 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and bottom, and a thicker purple shadow on the right and bottom sides. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8547D7; -webkit-box-shadow:4px 4px  
4px 4px #8547D7; box-shadow:4px 4px 4px  
4px #8547D7 }
```

Background

The CSS property to change the background color of an element to Hex 8547D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8547D7 }
```

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

```
.background{ background-color:#8547D7 }
```

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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