

Converting Colors

Hex(5487D1)

Have a look what the booklet for
Hex(5487D1) contains.

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Color

Hex(5487D1)

Conversions

Conversions Part 1

Format	Color
Hex	5487D1
RGB	84, 135, 209
RGB Percent	33%, 53%, 82%
CMY	0.6706, 0.4706, 0.1804
CMYK	0.60, 0.35, 0.00, 0.18
HSL	216°, 58%, 57%
HSV	216°, 60%, 82%
XYZ	23.8288, 23.8162, 63.6627
YIQ	128.1870, -54.1500, 12.2020

Conversions

Conversions Part 2

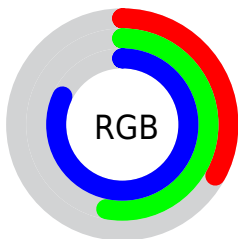
Format	Color
R _Y B	84, 120, 209
Decimal	5539793
CIE Lab	55.90, 5.35, -43.27
CIE LCh	56, 43.597, 277.046
Yxy	23.8162, 0.2141, 0.2140
Android (android.graphics.Color)	4283729873 (0xFF5487D1)
YUV	128.1870, 39.8408, -38.7520
Hunter-Lab	48.8019, 1.7539, -43.1833

Details

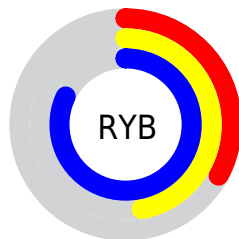
The Hex color **5487D1** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D19E54**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8FBCFF**, and **00569A** is the 20% darker color. If you saturate the color by 10%, you get **3F7BD1**, and if you desaturate by 10%, it is **6993D1**.

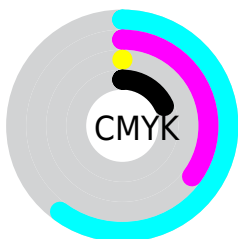
Distribution



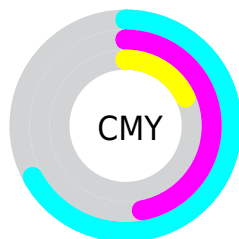
- Red (33%)
- Green (53%)
- Blue (82%)



- Red (33%)
- Yellow (47%)
- Blue (82%)



- Cyan (60%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5487D1 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 5487D1 by changing the saturation by 10% instead.

■ 5487D1

■ 5487D1

FFFFFF

■ 346EB5

■ 8FBCFF

■ 00569A

■ ACD8FF

■ 003F80

■ C9F4FF

■ 002A66

■ E7FFFF

■ 00164E

■ 000536

■ 000220

■ 000004

■ 000000

■ 5487D1

■ 5487D1

■ 3F7BD1

■ 6993D1

■ 2A6ED1

■ 7EA0D1

■ 1562D1

■ 93ACD1

■ 0056D1

■ A8B8D1

■ 0055D1

■ BCC5D1

■ D1D1D1

■ E6DED1

■ FBEAD1

■ FFF6D1

Harmonies

Analogous

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



0092CB



5487D1



9578C3

Triad

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



5487D1



C86C5A



349767

Complementary

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



5487D1



D19E54

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.



6B9147



5487D1



B47940

Square

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



5487D1



CC667E



948738



00998E

Rectangle

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



5487D1



B16FB0



948738



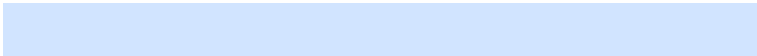
4A955B

Sweetspot

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



5487D1



D1E4FF



54D19D



636F80



000000



808080

Same Dimension

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



5487D1



4792FF



5E54D1



5E6269



0045A8



001129

Inverse Universe

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



D15487



FF4792



C7D154



695E62



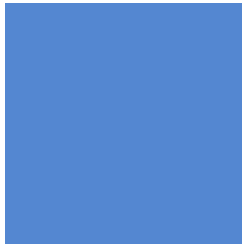
A80045



290011

Previews

White Background



This preview shows how the Hex color 5487D1 looks on a white background.

Color Contrast Check

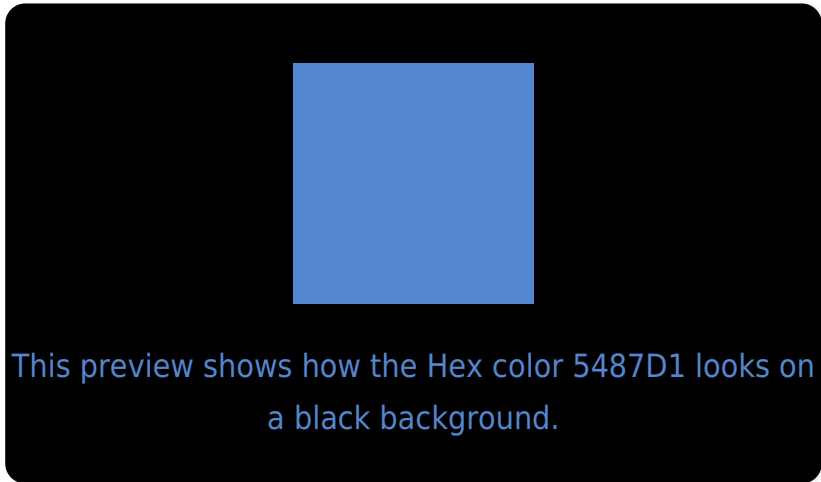
Large Text (above 18pt) WCAG AA ✓ Pass

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

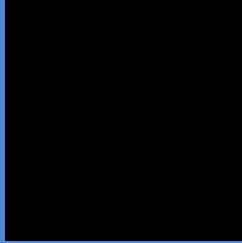
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

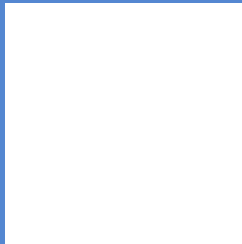
Any Text WCAG AAA × Fail

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

Hex 5487D1 Background



This preview shows how black text looks on a background with the Hex color 5487D1.

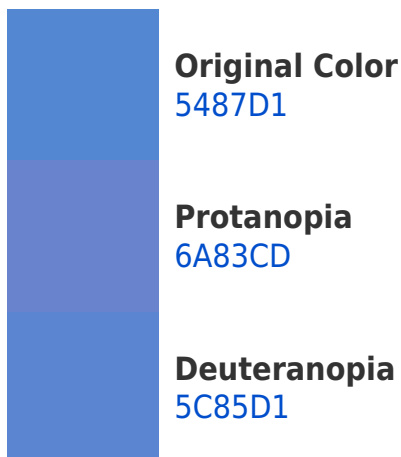


This preview shows how white text looks on a background with the Hex color 5487D1.

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](#).

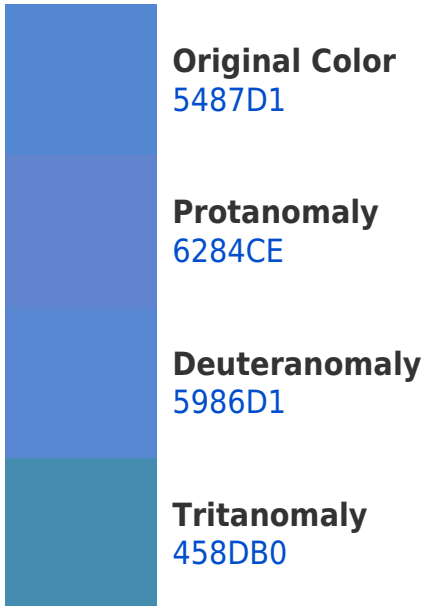
Dichromacy



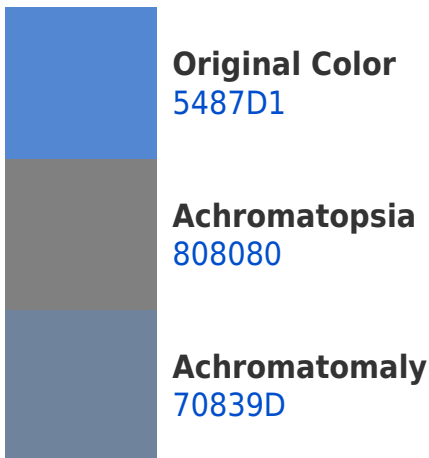


Tritanopia
3D919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5487D1 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 #5487D1 looks like.

```
.text, #text, p{  
    color:#5487D1  
}
```

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 #5487D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5487D1
}
```

Border

The CSS property to change the border of an element to Hex 5487D1 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
#5487D1 }
```

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

```
.border{ border-color:#5487D1 }
```

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

Here you see how a box with a 4 pixel #5487D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5487D1; -webkit-box-shadow:4px 4px  
4px 4px #5487D1; box-shadow:4px 4px 4px  
4px #5487D1 }
```

Background

The CSS property to change the background color of an element to Hex 5487D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5487D1 }
```

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

```
.background{ background-color:#5487D1 }
```

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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