

Converting Colors

Hex(487BC3)

Have a look what the booklet for
Hex(487BC3) contains.

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Color

Hex(487BC3)

Conversions

Conversions Part 1

Format	Color
Hex	487BC3
RGB	72, 123, 195
RGB Percent	28%, 48%, 76%
CMY	0.7176, 0.5176, 0.2353
CMYK	0.63, 0.37, 0.00, 0.24
HSL	215°, 51%, 52%
HSV	215°, 63%, 76%
XYZ	19.6058, 19.4838, 54.3572
YIQ	115.9590, -53.5080, 11.5800

Conversions

Conversions Part 2

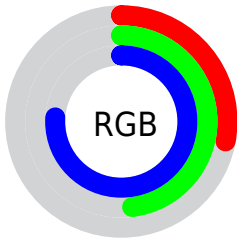
Format	Color
R_{YB}	72, 108, 195
Decimal	4750275
CIE _{Lab}	51.25, 5.56, -42.71
CIE _{LCh}	51, 43.073, 277.422
Yxy	19.4838, 0.2098, 0.2085
Android (android.graphics.Color)	4282940355 (0xFF487BC3)
YUV	115.9590, 38.9672, -38.5520
Hunter-Lab	44.1404, 2.0383, -42.1150

Details

The Hex color **487BC3** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C39048**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **83AFFC**, and **004B8D** is the 20% darker color. If you saturate the color by 10%, you get **3570C3**, and if you desaturate by 10%, it is **5B86C3**.

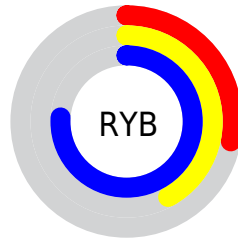
Distribution



Red (28%)

Green (48%)

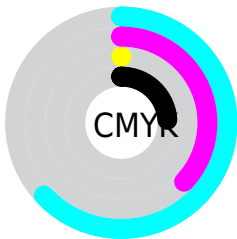
Blue (76%)



Red (28%)

Yellow (42%)

Blue (76%)

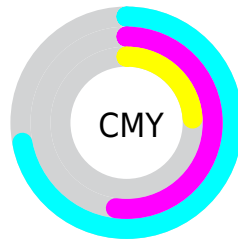


Cyan (63%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487BC3 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 487BC3 by changing the saturation by 10% instead.

■ 487BC3

■ 487BC3

FFFFFF

■ 2662A8

■ 83AFFC

■ 004B8D

■ A0CAFF

■ 003573

■ BDE6FF

■ 00205A

■ DAFFFF

■ 000742

■ F8FFFF

■ 00032B

■ 000115

■ 000000

■ 487BC3

■ 487BC3

■ 3570C3

■ 5B86C3

■ 2164C3

■ 6F92C3

■ 0E59C3

■ 839DC3

■ 0051C3

■ 96A9C3

■ AAB4C3

■ BDBFC3

■ D0CBC3

■ E4D6C3

■ F7E2C3

Harmonies

Analogous

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



0085BE



487BC3



896DB5

Triad

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



487BC3



BA614F



268A5C

Complementary

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



487BC3



C39048

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.



5F853D



487BC3



A66E35

Square

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



487BC3



BE5A72



867B2D



008D82

Rectangle

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



487BC3



A463A2



867B2D



3E8951

Sweetspot

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



487BC3



CCE0FC



48C390



626E80



000000



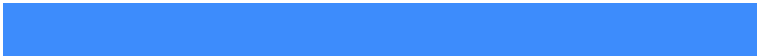
808080

Same Dimension

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



487BC3



3D8CFC



5248C3



575B61



0043A1



000E21

Inverse Universe

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



C3487B



FC3D8C



B9C348



61575B



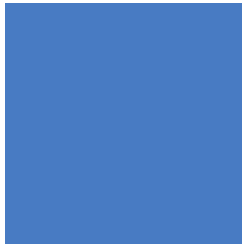
A10043



21000E

Previews

White Background



This preview shows how the Hex color 487BC3 looks on a white background.

Color Contrast Check

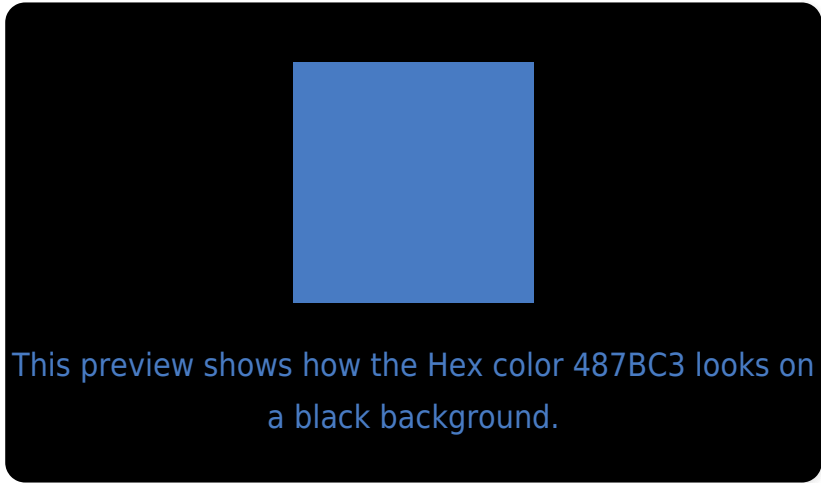
Large Text (above 18pt) WCAG AA ✓ Pass

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

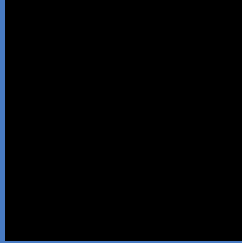
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

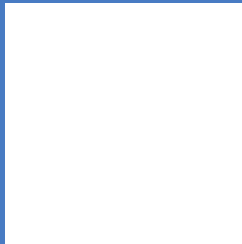
Any Text WCAG AAA × Fail

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

Hex 487BC3 Background



This preview shows how black text looks on a background with the Hex color 487BC3.

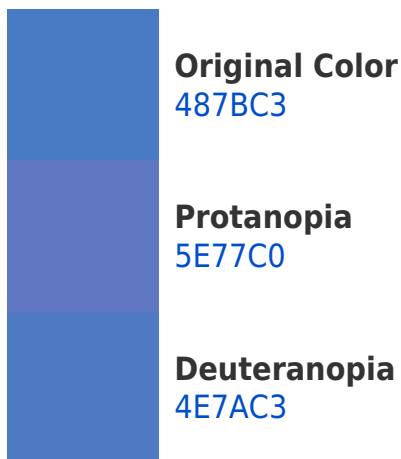


This preview shows how white text looks on a background with the Hex color 487BC3.

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](#).

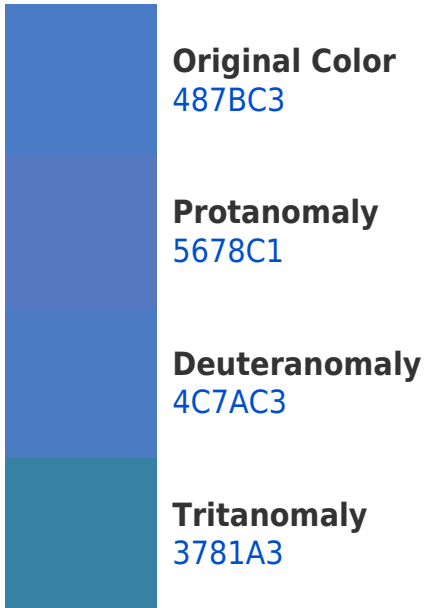
Dichromacy



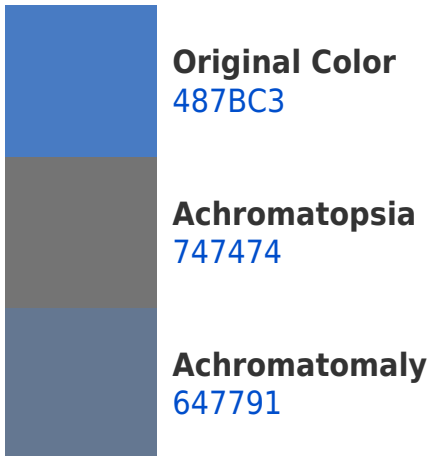


Tritanopia
2E8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 487BC3 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 #487BC3 looks like.

```
.text, #text, p{  
    color:#487BC3  
}
```

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 #487BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487BC3
}
```

Border

The CSS property to change the border of an element to Hex 487BC3 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
#487BC3 }
```

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

```
.border{ border-color:#487BC3 }
```

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

Here you see how a box with a 4 pixel #487BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487BC3; -webkit-box-shadow:4px 4px  
4px 4px #487BC3; box-shadow:4px 4px 4px  
4px #487BC3 }
```

Background

The CSS property to change the background color of an element to Hex 487BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487BC3 }
```

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

```
.background{ background-color:#487BC3 }
```

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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