

# Converting Colors

Hex(487CB4)

Have a look what the booklet for  
Hex(487CB4) contains.

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# Color

Hex(487CB4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	487CB4
RGB	72, 124, 180
RGB Percent	28%, 49%, 71%
CMY	0.7176, 0.5137, 0.2941
CMYK	0.60, 0.31, 0.00, 0.29
HSL	211°, 43%, 49%
HSV	211°, 60%, 71%
XYZ	18.1184, 19.0883, 45.9095
YIQ	114.8360, -48.9680, 6.3920

# Conversions

## Conversions Part 2

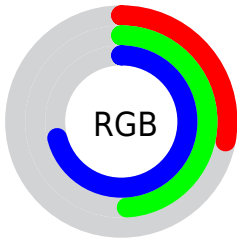
Format	Color
R <sub>Y</sub> B	72, 107, 180
Decimal	4750516
CIE Lab	50.79, -0.13, -34.82
CIE LCh	51, 34.817, 269.787
Yxy	19.0883, 0.2180, 0.2297
Android (android.graphics.Color)	4282940596 (0xFF487CB4)
YUV	114.8360, 32.1259, -37.5672
Hunter-Lab	43.6902, -2.4337, -31.7186

# Details

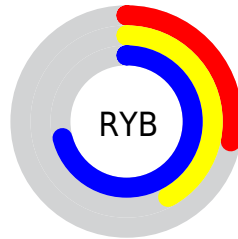
The Hex color **487CB4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B48048**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **81B0EC**, and **004C7F** is the 20% darker color. If you saturate the color by 10%, you get **3673B4**, and if you desaturate by 10%, it is **5A85B4**.

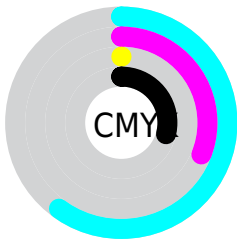
# Distribution



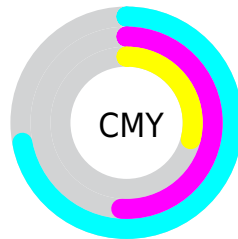
- Red (28%)
- Green (49%)
- Blue (71%)



- Red (28%)
- Yellow (42%)
- Blue (71%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (51%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 487CB4 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 487CB4 by changing the saturation by 10% instead.



■ 487CB4

■ 487CB4

FFFFFF

■ 296399

■ 81B0EC

■ 004C7F

■ 9DCCFF

■ 003566

■ BAE8FF

■ 00204D

■ D7FFFF

■ 000836

■ F4FFFF

■ 000220

■ 000004

■ 000000

■ 487CB4

■ 487CB4

■ 3673B4

■ 5A85B4

■ 2469B4

■ 6C8FB4

■ 1260B4

■ 7E98B4

■ 0057B4

■ 90A1B4

■ A2ABB4

■ B4B4B4

■ C6BDB4

■ D8C7B4

■ EAD0B4

# Harmonies

## Analogous

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



0084AC



487CB4



7B71AC

# Triad

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



487CB4



B0645D



48865A

# Complementary

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



487CB4



B48048

# 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.



6D8044



487CB4



A36D46

# Square

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



487CB4



AF617A



8B773C



098878

# Rectangle

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



487CB4



946AA0



8B773C



568451



# Sweetspot

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



487CB4



C0D5EB



48B480



5B6875



F5F5F5



757575



# Same Dimension

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



487CB4



4293EB



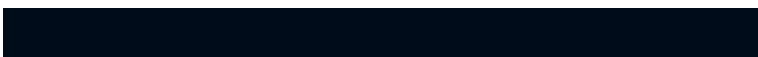
4A48B4



505559



004A99



000C1A



# Inverse Universe

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



B4487C



EB4293



B2B448



595055



99004A



1A000C



# Previews

## White Background



This preview shows how the Hex color 487CB4 looks on a white background.

## Color Contrast Check

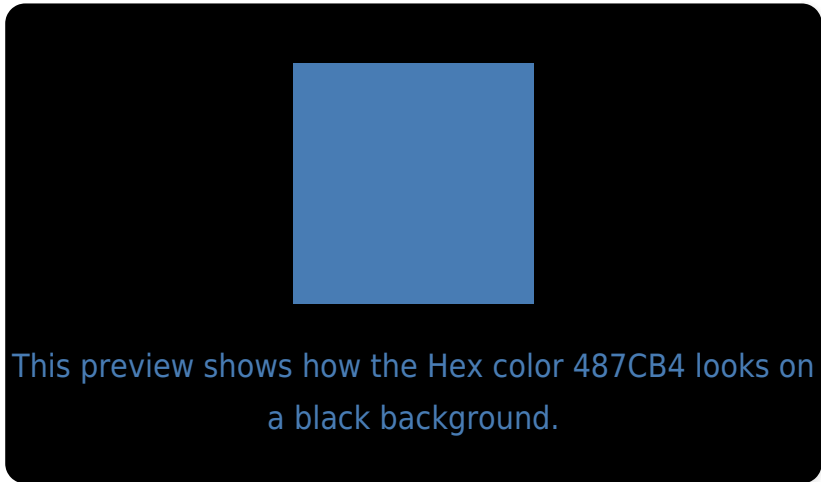
Large Text (above 18pt) WCAG AA ✓ Pass

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

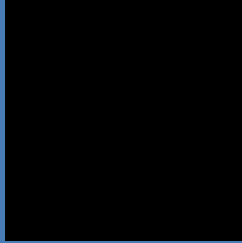
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 487CB4 Background



This preview shows how black text looks on a background with the Hex color 487CB4.

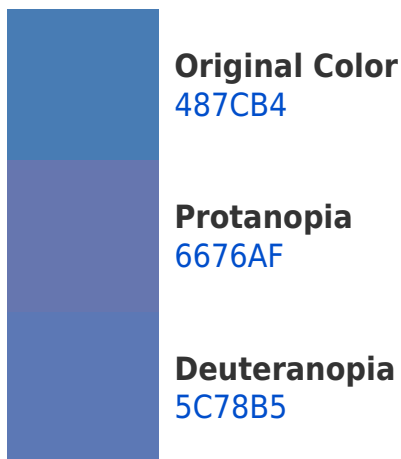


This preview shows how white text looks on a background with the Hex color 487CB4.

# 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](#).

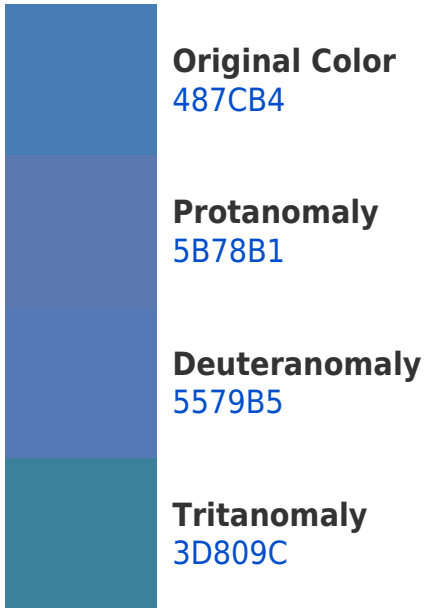
## Dichromacy



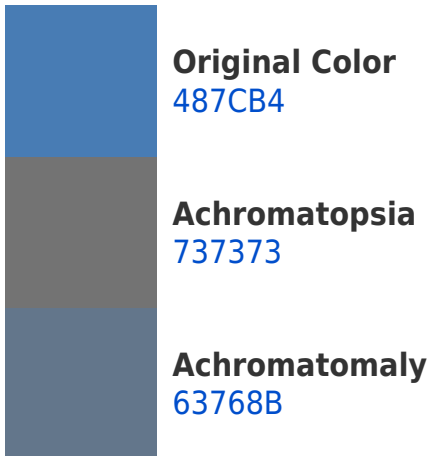


**Tritanopia**  
37838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 487CB4 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 #487CB4 looks like.

```
.text, #text, p{  
    color:#487CB4  
}
```

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 #487CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487CB4
}
```

## Border

The CSS property to change the border of an element to Hex 487CB4 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
#487CB4 }
```

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

```
.border{ border-color:#487CB4 }
```

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

Here you see how a box with a 4 pixel #487CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487CB4; -webkit-box-shadow:4px 4px  
4px 4px #487CB4; box-shadow:4px 4px 4px  
4px #487CB4 }
```

# Background

The CSS property to change the background color of an element to Hex 487CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487CB4 }
```

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

```
.background{ background-color:#487CB4 }
```

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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