

Converting Colors

Hex(4487C6)

Have a look what the booklet for
Hex(4487C6) contains.

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Color

Hex(4487C6)

Conversions

Conversions Part 1

Format	Color
Hex	4487C6
RGB	68, 135, 198
RGB Percent	27%, 53%, 78%
CMY	0.7333, 0.4706, 0.2235
CMYK	0.66, 0.32, 0.00, 0.22
HSL	209°, 53%, 52%
HSV	209°, 66%, 78%
XYZ	21.2409, 22.6341, 56.6754
YIQ	122.1490, -60.1550, 5.3890

Conversions

Conversions Part 2

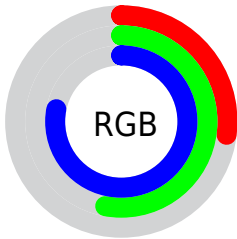
Format	Color
R _Y B	68, 112, 198
Decimal	4491206
CIE Lab	54.69, -1.29, -39.00
CIE LCh	55, 39.018, 268.105
Yxy	22.6341, 0.2112, 0.2251
Android (android.graphics.Color)	4282681286 (0xFF4487C6)
YUV	122.1490, 37.3945, -47.4887
Hunter-Lab	47.5753, -3.5621, -37.3281

Details

The Hex color **4487C6** 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 **C68344**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **80BCFF**, and **005690** is the 20% darker color. If you saturate the color by 10%, you get **307DC6**, and if you desaturate by 10%, it is **5891C6**.

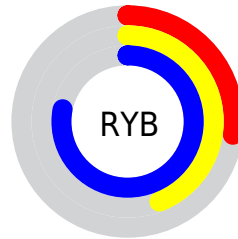
Distribution



Red (27%)

Green (53%)

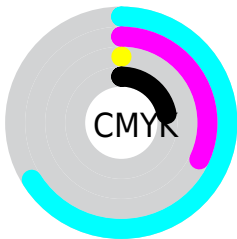
Blue (78%)



Red (27%)

Yellow (44%)

Blue (78%)

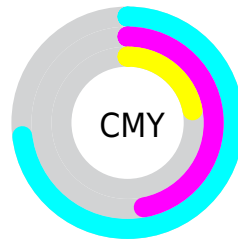


Cyan (66%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (73%)

Magenta (47%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4487C6 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 4487C6 by changing the saturation by 10% instead.

■ 4487C6

■ 4487C6

FFFFFF

■ 1F6EAB

■ 80BCFF

■ 005690

■ 9DD8FF

■ 003F76

■ BBF4FF

■ 00295D

■ D8FFFF

■ 001545

■ F6FFFF

■ 00042E

■ 000118

■ 000000

■ 4487C6

■ 4487C6

■ 307DC6

■ 5891C6

■ 1C74C6

■ 6C9AC6

■ 096AC6

■ 7FA4C6

■ 0066C6

■ 93ADC6

■ A7B7C6

■ BBC1C6

■ CFCAC6

■ E2D4C6

■ F6DDC6

Harmonies

Analogous

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



008FBB



4487C6



827BBE

Triad

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



4487C6



C26A65



4D915E

Complementary

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



4487C6



C68344

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.



778A45



4487C6



B3744A

Square

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



4487C6



C06786



99803E



009480

Rectangle

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



4487C6



9F72B0



99803E



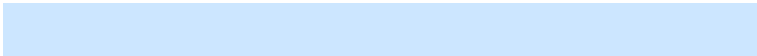
5D8F54

Sweetspot

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



4487C6



CCE6FF



44C683



617180



000000



808080

Same Dimension

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



4487C6



369DFF



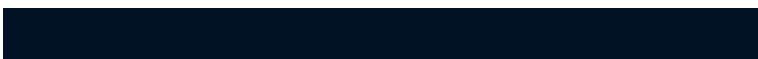
4446C6



5A5F63



0054A3



001224

Inverse Universe

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



C64487



FF369D



C6C444



635A5F



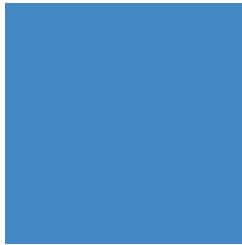
A30054



240012

Previews

White Background



This preview shows how the Hex color 4487C6 looks on a white background.

Color Contrast Check

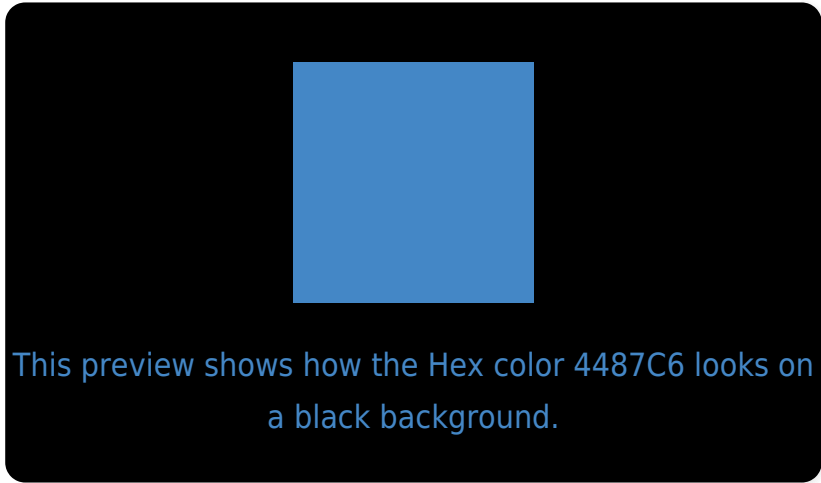
Large Text (above 18pt) WCAG AA ✓ Pass

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 4487C6 Background



This preview shows how black text looks on a background with the Hex color 4487C6.

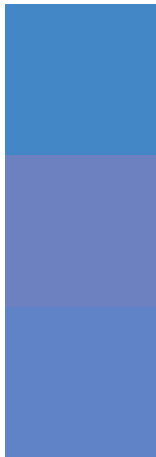


This preview shows how white text looks on a background with the Hex color 4487C6.

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
4487C6

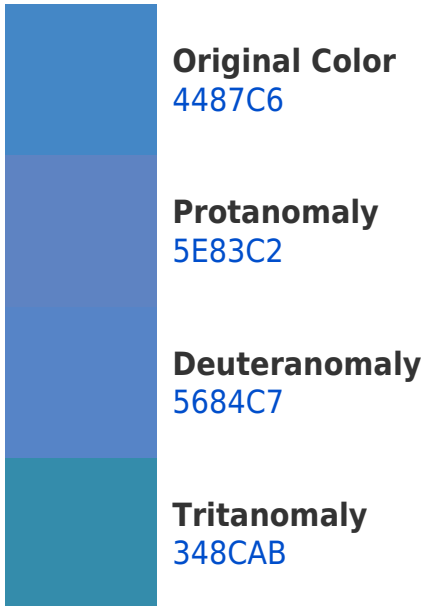
Protanopia
6D80C0

Deuteranopia
6082C7

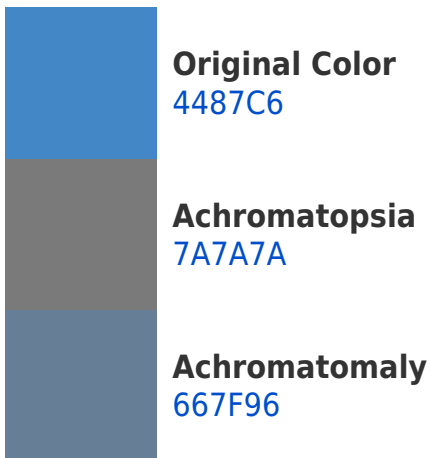


Tritanopia
2B8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4487C6 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 #4487C6 looks like.

```
.text, #text, p{  
    color:#4487C6  
}
```

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 #4487C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4487C6
}
```

Border

The CSS property to change the border of an element to Hex 4487C6 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
#4487C6 }
```

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

```
.border{ border-color:#4487C6 }
```

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

Here you see how a box with a 4 pixel #4487C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4487C6; -webkit-box-shadow:4px 4px  
4px 4px #4487C6; box-shadow:4px 4px 4px  
4px #4487C6 }
```

Background

The CSS property to change the background color of an element to Hex 4487C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4487C6 }
```

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

```
.background{ background-color:#4487C6 }
```

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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