

Converting Colors

Hex(467CA9)

Have a look what the booklet for
Hex(467CA9) contains.

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Color

Hex(467CA9)

Conversions

Conversions Part 1

Format	Color
Hex	467CA9
RGB	70, 124, 169
RGB Percent	27%, 49%, 66%
CMY	0.7255, 0.5137, 0.3373
CMYK	0.59, 0.27, 0.00, 0.34
HSL	207°, 41%, 47%
HSV	207°, 59%, 66%
XYZ	16.8949, 18.5820, 40.2323
YIQ	112.9840, -46.6290, 2.5470

Conversions

Conversions Part 2

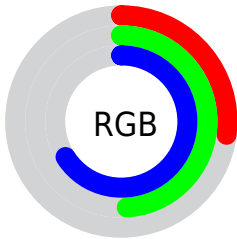
Format	Color
R_{YB}	70, 105, 169
Decimal	4619433
CIE _{Lab}	50.19, -4.19, -29.39
CIE _{LCh}	50, 29.685, 261.886
Yxy	18.5820, 0.2232, 0.2454
Android (android.graphics.Color)	4282809513 (0xFF467CA9)
YUV	112.9840, 27.6159, -37.6970
Hunter-Lab	43.1068, -5.4773, -25.1616

Details

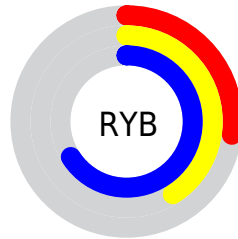
The Hex color **467CA9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A97346**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7EB0E0**, and **004B75** is the 20% darker color. If you saturate the color by 10%, you get **3574A9**, and if you desaturate by 10%, it is **5784A9**.

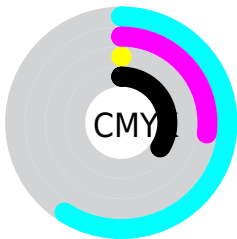
Distribution



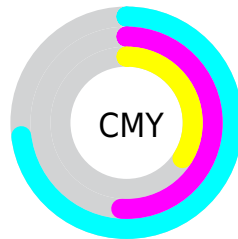
- Red (27%)
- Green (49%)
- Blue (66%)



- Red (27%)
- Yellow (41%)
- Blue (66%)



- Cyan (59%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (73%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467CA9 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 467CA9 by changing the saturation by 10% instead.

■ 467CA9

■ 467CA9

FFFFFF

■ 28638E

■ 7EB0E0

■ 004B75

■ 9ACCFD

■ 00355C

■ B6E8FF

■ 002044

■ D3FFFF

■ 00052E

■ F0FFFF

■ 000118

■ 000000

■ 467CA9

■ 467CA9

■ 3574A9

■ 5784A9

■ 246DA9

■ 688BA9

■ 1365A9

■ 7993A9

■ 025DA9

■ 8A9BA9

■ 005CA9

■ 9AA2A9

■ ABAAA9

■ BCB2A9

■ CDB9A9

■ DEC1A9

Harmonies

Analogous

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



14829E



467CA9



7073A6

Triad

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



467CA9



A96566



588157

Complementary

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



467CA9



A97346

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.



757C48



467CA9



A06B51

Square

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



467CA9



A4647F



8E7445



36846F

Rectangle

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



467CA9



876D9D



8E7445



628051

Sweetspot

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



467CA9



B4C9DB



46A973



56636E



EDEDED



6E6E6E

Same Dimension

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



467CA9



4296DB



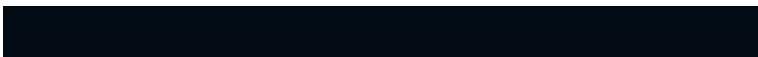
464BA9



4C5054



005194



000B14

Inverse Universe

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



A9467C



DB4296



A9A446



544C50



940051



14000B

Previews

White Background



This preview shows how the Hex color 467CA9 looks on a white background.

Color Contrast Check

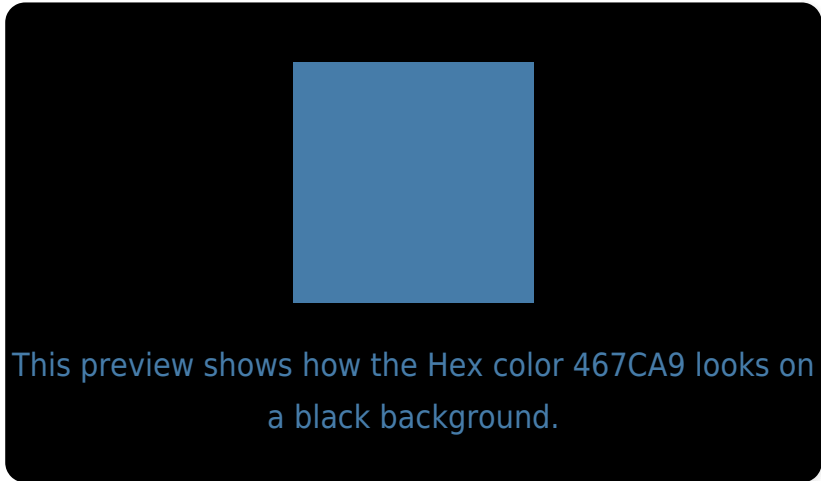
Large Text (above 18pt) WCAG AA ✓ Pass

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

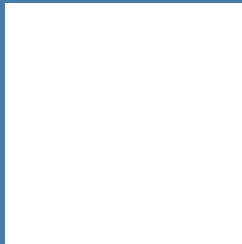
Any Text WCAG AAA × Fail

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

Hex 467CA9 Background



This preview shows how black text looks on a background with the Hex color 467CA9.

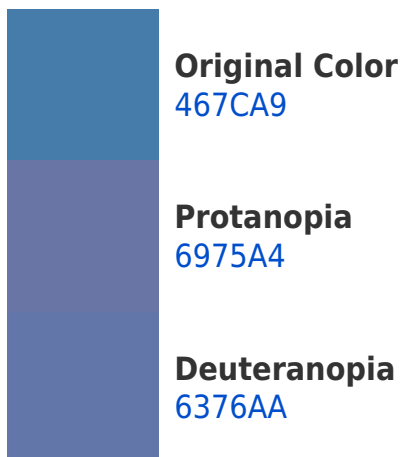



This preview shows how white text looks on a background with the Hex color 467CA9.

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](#).

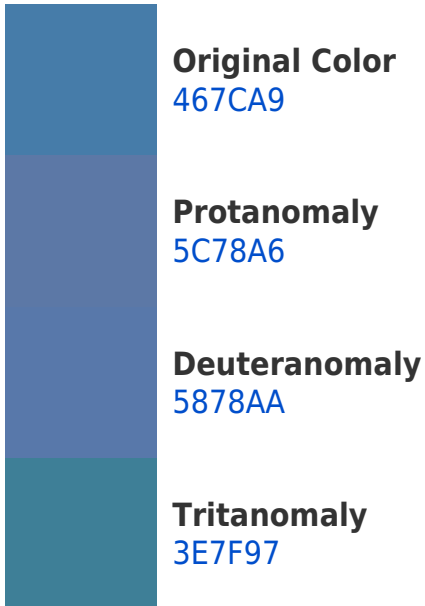
Dichromacy





Tritanopia
3A818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 467CA9 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 #467CA9 looks like.

```
.text, #text, p{  
    color:#467CA9  
}
```

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 #467CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467CA9
}
```

Border

The CSS property to change the border of an element to Hex 467CA9 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
#467CA9 }
```

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

```
.border{ border-color:#467CA9 }
```

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

Here you see how a box with a 4 pixel #467CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467CA9; -webkit-box-shadow:4px 4px  
4px 4px #467CA9; box-shadow:4px 4px 4px  
4px #467CA9 }
```

Background

The CSS property to change the background color of an element to Hex 467CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467CA9 }
```

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

```
.background{ background-color:#467CA9 }
```

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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