

Converting Colors

Hex(457CAB)

Have a look what the booklet for
Hex(457CAB) contains.

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Color

Hex(457CAB)

Conversions

Conversions Part 1

Format	Color
Hex	457CAB
RGB	69, 124, 171
RGB Percent	27%, 49%, 67%
CMY	0.7294, 0.5137, 0.3294
CMYK	0.60, 0.27, 0.00, 0.33
HSL	208°, 42%, 47%
HSV	208°, 60%, 67%
XYZ	17.0126, 18.6208, 41.2256
YIQ	112.9130, -47.8670, 2.9570

Conversions

Conversions Part 2

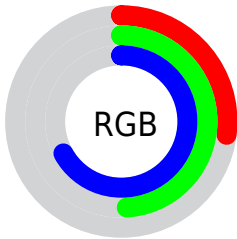
Format	Color
R_{YB}	69, 105, 171
Decimal	4553899
CIE _{Lab}	50.24, -3.74, -30.48
CIE _{LCh}	50, 30.708, 263.010
Yxy	18.6208, 0.2213, 0.2423
Android (android.graphics.Color)	4282743979 (0xFF457CAB)
YUV	112.9130, 28.6369, -38.5117
Hunter-Lab	43.1518, -5.1421, -26.4371




Details

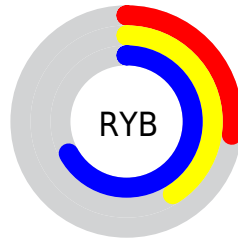
The Hex color **457CAB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB7445**, and the grayscale version is **717171**.




A 20% lighter version of the original color is **7DB0E3**, and **004B76** is the 20% darker color. If you saturate the color by 10%, you get **3474AB**, and if you desaturate by 10%, it is **5684AB**.

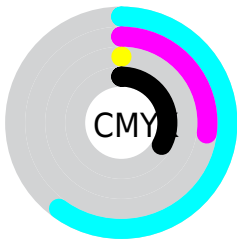
Distribution







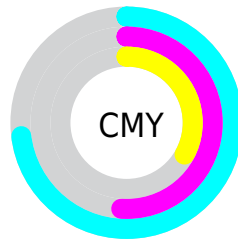
-  Red (27%)
-  Green (49%)
-  Blue (67%)






-  Red (27%)
-  Yellow (41%)
-  Blue (67%)



-  Cyan (60%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (73%)
-  Magenta (51%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457CAB 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 457CAB by changing the saturation by 10% instead.

■ 457CAB

■ 457CAB

FFFFFF

■ 266390

■ 7DB0E3

■ 004B76

■ 99CCFF

■ 00355E

■ B6E8FF

■ 002046

■ D3FFFF

■ 00052F

■ F0FFFF

■ 00011A

■ 000000

■ 457CAB

■ 457CAB

■ 3474AB

■ 5684AB

■ 236CAB

■ 678CAB

■ 1264AB

■ 7894AB

■ 015CAB

■ 899CAB

■ 005CAB

■ 9AA3AB

■ ACABAB

■ BDB3AB

■ CEBBAB

■ DFC3AB

Harmonies

Analogous

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



0682A1



457CAB



7173A8

Triad

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



457CAB



AA6464



568257

Complementary

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



457CAB



AB7445

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.



747C46



457CAB



A16B4F

Square

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



457CAB



A6637F



8E7443



318570

Rectangle

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



457CAB



896D9E



8E7443



608050

Sweetspot

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



457CAB



B6CBDE



45AB73



586570



F0F0F0



707070

Same Dimension

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



457CAB



3E94DE



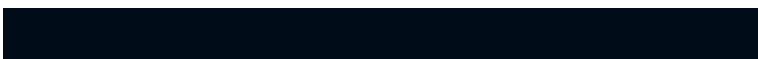
454AAB



4E5357



005196



000C17

Inverse Universe

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



AB457C



DE3E94



ABA645



574E53



960051



17000C

Previews

White Background



This preview shows how the Hex color 457CAB looks on a white background.

Color Contrast Check

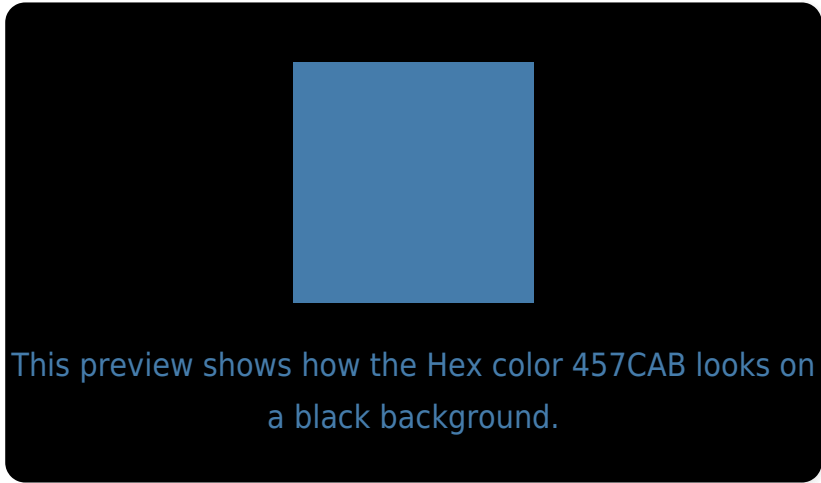
Large Text (above 18pt) WCAG AA ✓ Pass

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

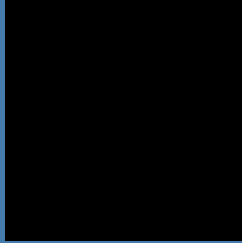
Any Text WCAG AA ✓ Pass

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 457CAB Background



This preview shows how black text looks on a background with the Hex color 457CAB.

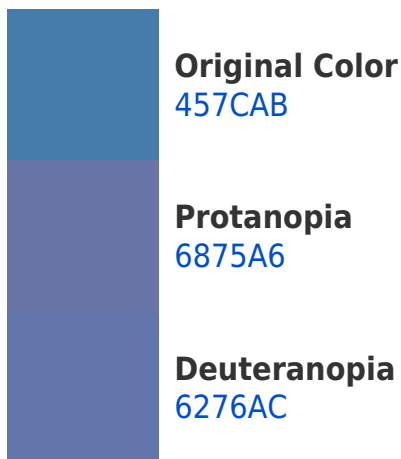



This preview shows how white text looks on a background with the Hex color 457CAB.

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](#).

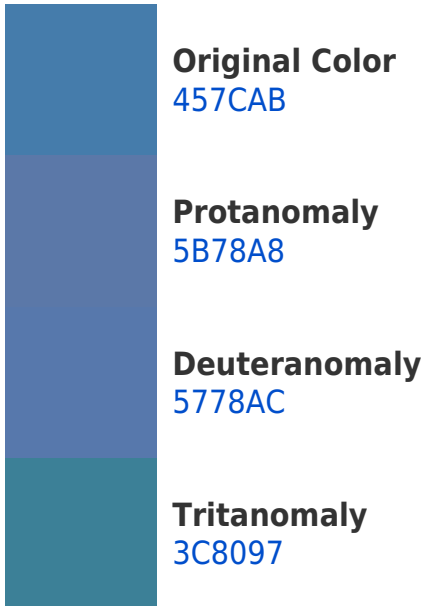
Dichromacy



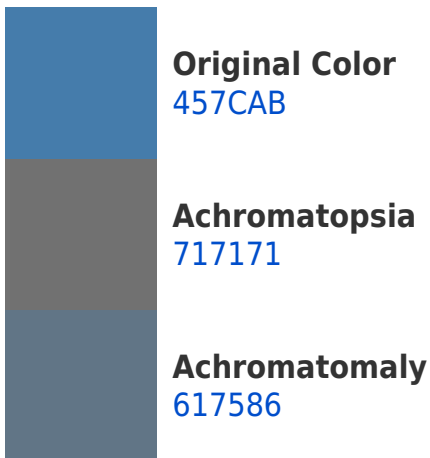


Tritanopia
37828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 457CAB 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 #457CAB looks like.

```
.text, #text, p{  
    color:#457CAB  
}
```

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 #457CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457CAB
}
```

Border

The CSS property to change the border of an element to Hex 457CAB 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
#457CAB }
```

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

```
.border{ border-color:#457CAB }
```

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

Here you see how a box with a 4 pixel #457CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457CAB; -webkit-box-shadow:4px 4px  
4px 4px #457CAB; box-shadow:4px 4px 4px  
4px #457CAB }
```

Background

The CSS property to change the background color of an element to Hex 457CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457CAB }
```

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

```
.background{ background-color:#457CAB }
```

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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