

Converting Colors

Hex(447EAB)

Have a look what the booklet for
Hex(447EAB) contains.

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Color

Hex(447EAB)

Conversions

Conversions Part 1

Format	Color
Hex	447EAB
RGB	68, 126, 171
RGB Percent	27%, 49%, 67%
CMY	0.7333, 0.5059, 0.3294
CMYK	0.60, 0.26, 0.00, 0.33
HSL	206°, 43%, 47%
HSV	206°, 60%, 67%
XYZ	17.1954, 19.0909, 41.3067
YIQ	113.7880, -49.0130, 1.6990

Conversions

Conversions Part 2

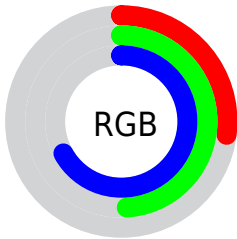
Format	Color
RYB	68, 105, 171
Decimal	4488875
CIELab	50.79, -5.11, -29.62
CIELCh	51, 30.060, 260.204
Yxy	19.0909, 0.2216, 0.2460
Android (android.graphics.Color)	4282678955 (0xFF447EAB)
YUV	113.7880, 28.2055, -40.1561
Hunter-Lab	43.6932, -6.2144, -25.4664

Details

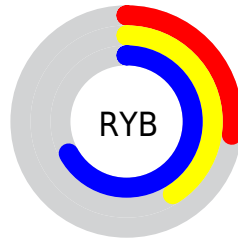
The Hex color **447EAB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB7144**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7CB3E3**, and **004D77** is the 20% darker color. If you saturate the color by 10%, you get **3377AB**, and if you desaturate by 10%, it is **5585AB**.

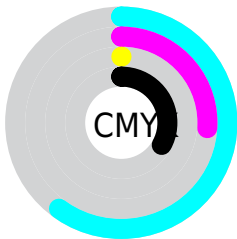
Distribution



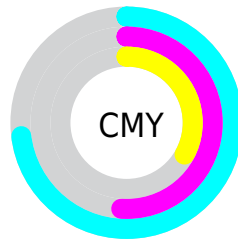
- Red (27%)
- Green (49%)
- Blue (67%)



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



- Cyan (60%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 447EAB 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 447EAB by changing the saturation by 10% instead.

■ 447EAB

■ 447EAB

FFFFFF

■ 256590

■ 7CB3E3

■ 004D77

■ 99CEFF

■ 00375E

■ B5EAFF

■ 002246

■ D2FFFF

■ 00092F

■ EFFFFFF

■ 00011A

■ 000000

■ 447EAB

■ 447EAB

■ 3377AB

■ 5585AB

■ 226FAB

■ 668DAB

■ 1168AB

■ 7794AB

■ 0060AB

■ 889CAB

■ 99A3AB

■ ABABAB

■ BCB2AB

■ CDBAAB

■ DEC1AB

Harmonies

Analogous

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



1084A0



447EAB



7075A9

Triad

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



447EAB



AB6669



5B8357

Complementary

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



447EAB



AB7144

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.



787D48



447EAB



A36C53

Square

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



447EAB



A56682



917546



39866F

Rectangle

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



447EAB



876FA0



917546



658151

Sweetspot

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



447EAB



B6CCDE



44AB71



586570



F0F0F0



707070

Same Dimension

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



447EAB



3E98DE



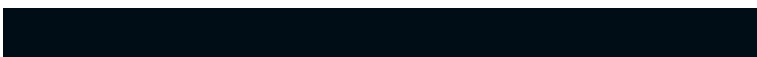
444BAB



4E5357



005596



000D17

Inverse Universe

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



AB447E



DE3E98



ABA444



574E53



960055



17000D

Previews

White Background



This preview shows how the Hex color 447EAB looks on a white background.

Color Contrast Check

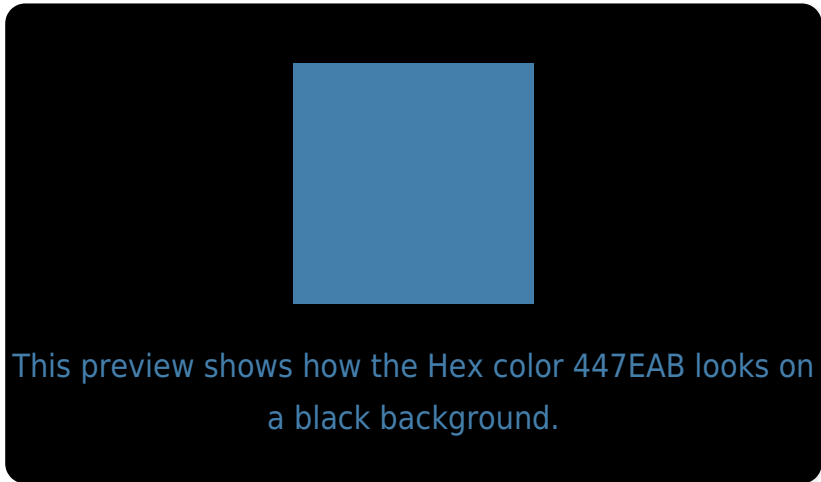
Large Text (above 18pt) WCAG AA ✓ Pass

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

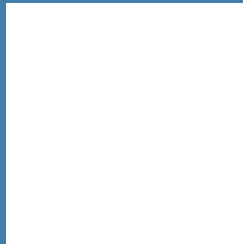
Any Text WCAG AAA × Fail

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

Hex 447EAB Background



This preview shows how black text looks on a background with the Hex color 447EAB.

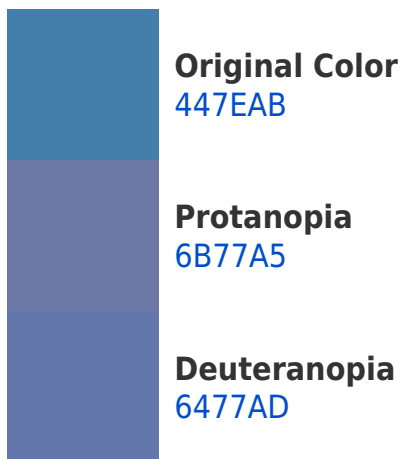


This preview shows how white text looks on a background with the Hex color 447EAB.

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](#).

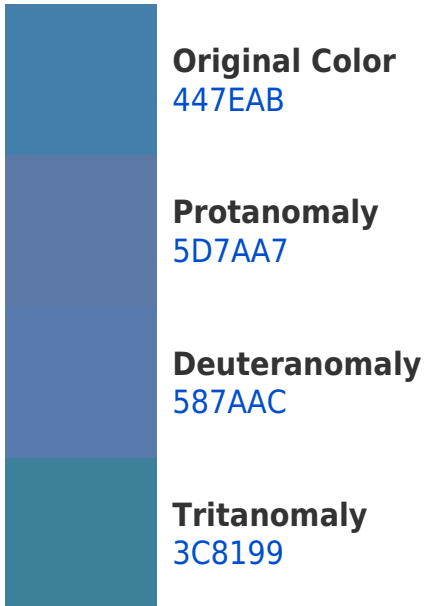
Dichromacy



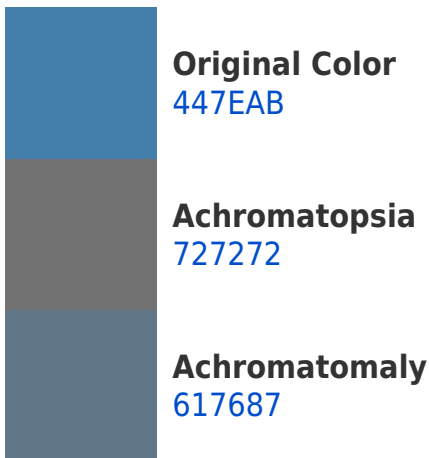


Tritanopia
37838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 447EAB 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 #447EAB looks like.

```
.text, #text, p{  
    color:#447EAB  
}
```

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 #447EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447EAB
}
```

Border

The CSS property to change the border of an element to Hex 447EAB 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
#447EAB }
```

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

```
.border{ border-color:#447EAB }
```

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

Here you see how a box with a 4 pixel #447EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447EAB; -webkit-box-shadow:4px 4px  
4px 4px #447EAB; box-shadow:4px 4px 4px  
4px #447EAB }
```

Background

The CSS property to change the background color of an element to Hex 447EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447EAB }
```

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

```
.background{ background-color:#447EAB }
```

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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