

Converting Colors

Hex(407AB0)

Have a look what the booklet for
Hex(407AB0) contains.

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Color

Hex(407AB0)

Conversions

Conversions Part 1

Format	Color
Hex	407AB0
RGB	64, 122, 176
RGB Percent	25%, 48%, 69%
CMY	0.7490, 0.5216, 0.3098
CMYK	0.64, 0.31, 0.00, 0.31
HSL	209°, 47%, 47%
HSV	209°, 64%, 69%
XYZ	16.9104, 18.1436, 43.6851
YIQ	110.8140, -51.9020, 4.4980

Conversions

Conversions Part 2

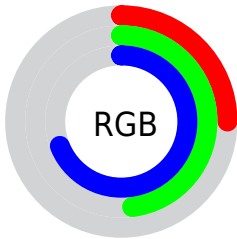
Format	Color
R _Y B	64, 102, 176
Decimal	4225712
CIE Lab	49.67, -1.84, -34.29
CIE LCh	50, 34.335, 266.923
Yxy	18.1436, 0.2148, 0.2304
Android (android.graphics.Color)	4282415792 (0xFF407AB0)
YUV	110.8140, 32.1367, -41.0559
Hunter-Lab	42.5954, -3.6774, -30.9901

Details

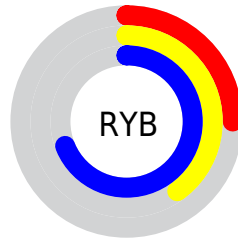
The Hex color **407AB0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B07640**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7AAEE8**, and **004A7B** is the 20% darker color. If you saturate the color by 10%, you get **2E72B0**, and if you desaturate by 10%, it is **5282B0**.

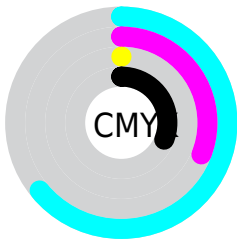
Distribution



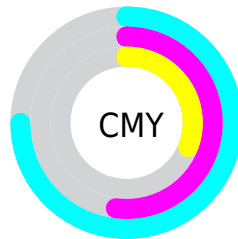
- Red (25%)
- Green (48%)
- Blue (69%)



- Red (25%)
- Yellow (40%)
- Blue (69%)



- Cyan (64%)
- Magenta (31%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407AB0 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 407AB0 by changing the saturation by 10% instead.

■ 407AB0

■ 407AB0

FFFFFF

■ 1E6195

■ 7AAEE8

■ 004A7B

■ 96C9FF

■ 003362

■ B3E6FF

■ 001F4A

■ D0FFFF

■ 000433

■ EDFFFF

■ 00021D

■ 000000

■ 407AB0

■ 407AB0

■ 2E72B0

■ 5282B0

■ 1D69B0

■ 638BB0

■ 0B61B0

■ 7593B0

■ 005BB0

■ 869CB0

■ 98A4B0

■ AAADB0

■ BBB5B0

■ CDBEB0

■ DEC6B0

Harmonies

Analogous

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



0081A6



407AB0



7470AA

Triad

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



407AB0



AD605D



4A8255

Complementary

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



407AB0



B07640

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.



6E7C41



407AB0



A16946

Square

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



407AB0



AB5F7A



8B733B



138572

Rectangle

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



407AB0



8E689E



8B733B



57814D

Sweetspot

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



407AB0



BAD0E6



40B074



586673



F2F2F2



737373

Same Dimension

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



407AB0



3791E6



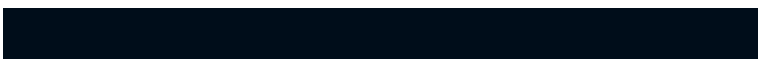
4044B0



505559



004F99



000D1A

Inverse Universe

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



B0407A



E63791



B0AC40



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 407AB0 looks on a white background.

Color Contrast Check

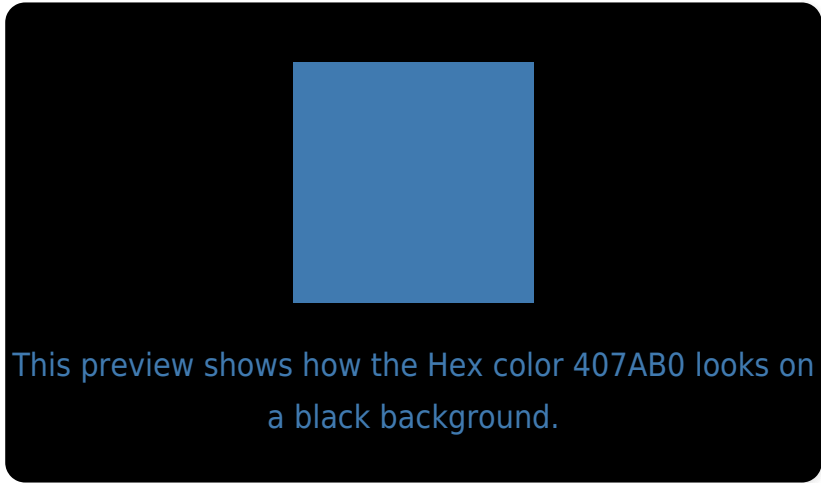
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 407AB0 Background



This preview shows how black text looks on a background with the Hex color 407AB0.

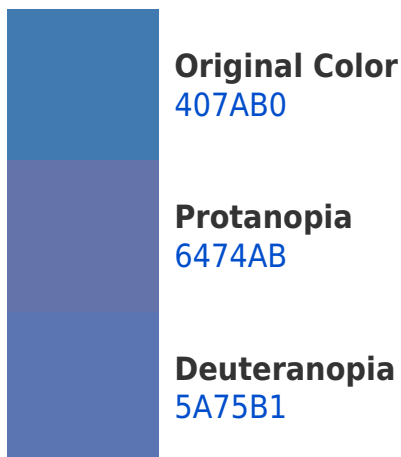



This preview shows how white text looks on a background with the Hex color 407AB0.

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](#).

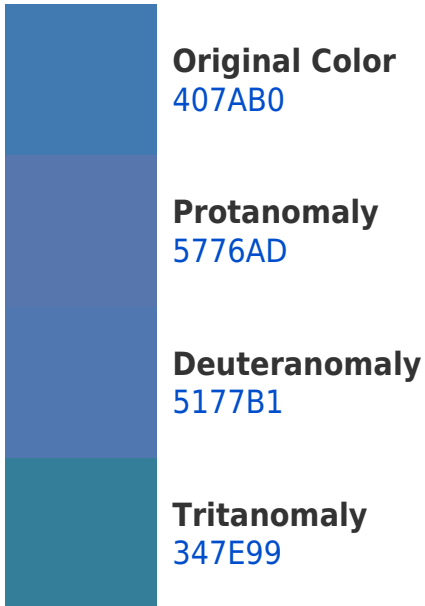
Dichromacy



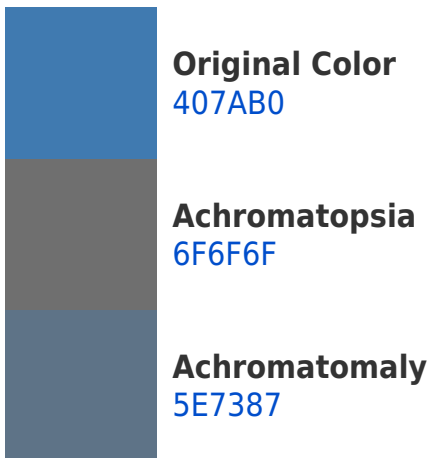


Tritanopia
2D818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407AB0 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 #407AB0 looks like.

```
.text, #text, p{  
    color:#407AB0  
}
```

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 #407AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407AB0
}
```

Border

The CSS property to change the border of an element to Hex 407AB0 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
#407AB0 }
```

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

```
.border{ border-color:#407AB0 }
```

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

Here you see how a box with a 4 pixel #407AB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407AB0; -webkit-box-shadow:4px 4px  
4px 4px #407AB0; box-shadow:4px 4px 4px  
4px #407AB0 }
```

Background

The CSS property to change the background color of an element to Hex 407AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407AB0 }
```

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

```
.background{ background-color:#407AB0 }
```

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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