

Converting Colors

Hex(407CAD)

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

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Color

Hex(407CAD)

Conversions

Conversions Part 1

Format	Color
Hex	407CAD
RGB	64, 124, 173
RGB Percent	25%, 49%, 68%
CMY	0.7490, 0.5137, 0.3216
CMYK	0.63, 0.28, 0.00, 0.32
HSL	207°, 46%, 46%
HSV	207°, 63%, 68%
XYZ	16.8648, 18.5224, 42.2215
YIQ	111.6460, -51.4890, 2.5190

Conversions

Conversions Part 2

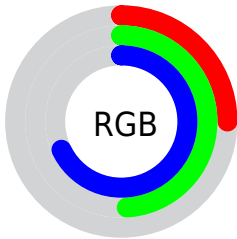
Format	Color
R_{YB}	64, 103, 173
Decimal	4226221
CIE _{Lab}	50.12, -4.05, -31.84
CIE _{LCh}	50, 32.094, 262.747
Yxy	18.5224, 0.2173, 0.2387
Android (android.graphics.Color)	4282416301 (0xFF407CAD)
YUV	111.6460, 30.2475, -41.7855
Hunter-Lab	43.0377, -5.3686, -28.0392

Details

The Hex color **407CAD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD7140**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **79B0E5**, and **004B78** is the 20% darker color. If you saturate the color by 10%, you get **2F74AD**, and if you desaturate by 10%, it is **5184AD**.

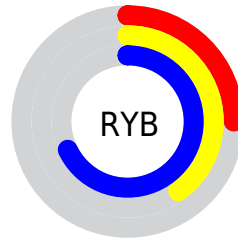
Distribution



Red (25%)

Green (49%)

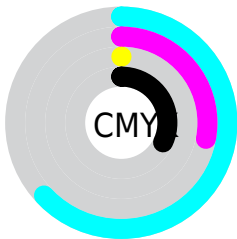
Blue (68%)



Red (25%)

Yellow (40%)

Blue (68%)

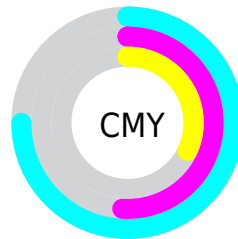


Cyan (63%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (75%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 407CAD

■ 407CAD

FFFFFF

■ 1E6392

■ 79B0E5

■ 004B78

■ 96CCFF

■ 00355F

■ B2E8FF

■ 002047

■ CFFFFF

■ 000531

■ EDFFFF

■ 00011B

■ 000000

■ 407CAD

■ 407CAD

■ 2F74AD

■ 5184AD

■ 1D6CAD

■ 638CAD

■ 0C65AD

■ 7493AD

■ 005FAD

■ 859BAD

■ 97A3AD

■ A8ABAD

■ B9B2AD

■ CABAAD

■ DCC2AD

Harmonies

Analogous

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



0082A2



407CAD



7073AA

Triad

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



407CAD



AC6364



548255

Complementary

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



407CAD



AD7140

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.



747C44



407CAD



A26A4D

Square

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



407CAD



A7627F



8F7341



2C856F

Rectangle

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



407CAD



896C9F



8F7341



5F804E

Sweetspot

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



407CAD



B6CDE0



40AD6F



566570



F0F0F0



707070

Same Dimension

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



407CAD



3694E0



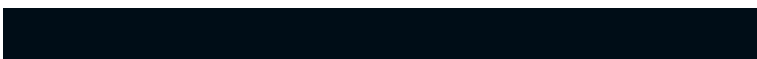
4047AD



4E5357



005396



000D17

Inverse Universe

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



AD407C



E03694



ADA640



574E53



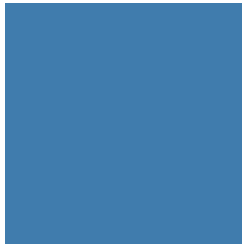
960053



17000D

Previews

White Background



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

Color Contrast Check

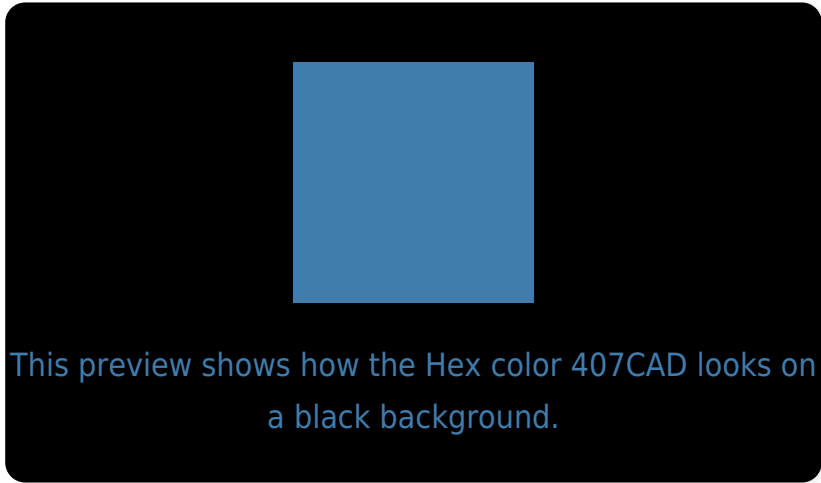
Large Text (above 18pt) WCAG AA ✓ Pass

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

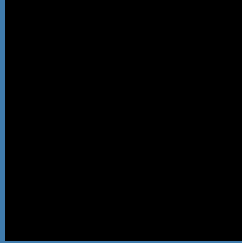
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

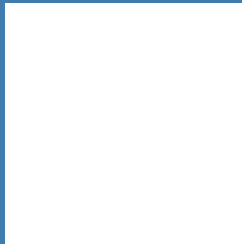
Any Text WCAG AAA × Fail

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

Hex 407CAD Background



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

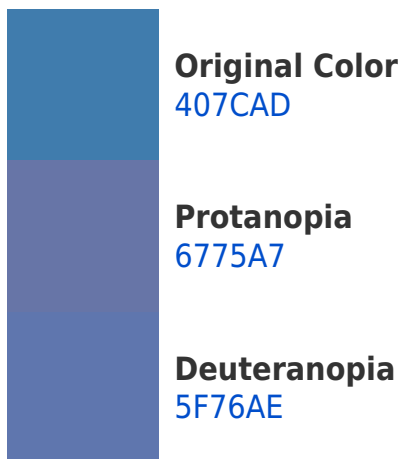



This preview shows how white text looks on a background with the Hex color 407CAD.

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](#).

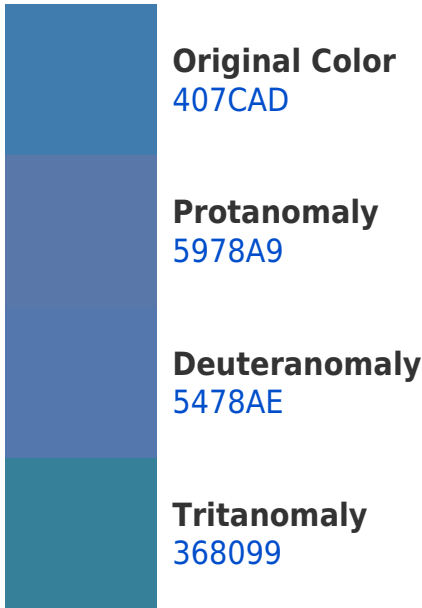
Dichromacy



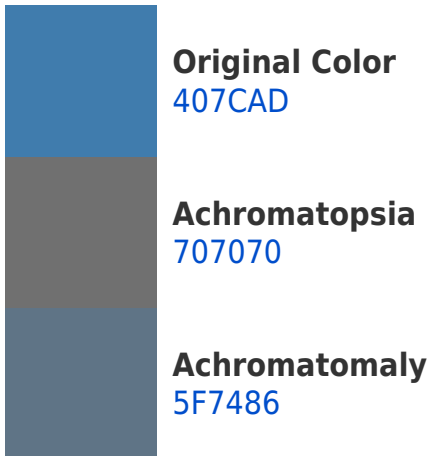


Tritanopia
30828D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #407CAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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