

# Converting Colors

Hex(405DAC)

Have a look what the booklet for  
Hex(405DAC) contains.

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# Color

**Hex(405DAC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	405DAC
RGB	64, 93, 172
RGB Percent	25%, 36%, 67%
CMY	0.7490, 0.6353, 0.3255
CMYK	0.63, 0.46, 0.00, 0.33
HSL	224°, 46%, 46%
HSV	224°, 63%, 67%
XYZ	13.4751, 11.8972, 40.6159
YIQ	93.3350, -42.6430, 18.4210

# Conversions

## Conversions Part 2

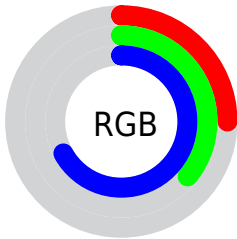
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 87, 172
Decimal	4218284
CIE <sub>Lab</sub>	41.05, 14.80, -45.61
CIE <sub>LCh</sub>	41, 47.947, 287.981
Yxy	11.8972, 0.2042, 0.1803
Android (android.graphics.Color)	4282408364 (0xFF405DAC)
YUV	93.3350, 38.7818, -25.7268
Hunter-Lab	34.4924, 9.3727, -45.6712

# Details

The Hex color **405DAC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC8F40**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **798FE4**, and **003077** is the 20% darker color. If you saturate the color by 10%, you get **2F50AC**, and if you desaturate by 10%, it is **516AAC**.

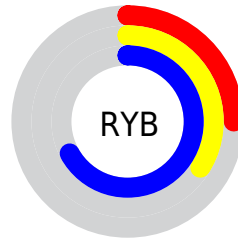
# Distribution



Red (25%)

Green (36%)

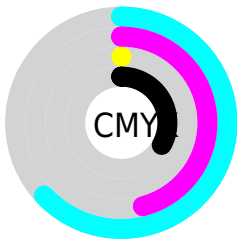
Blue (67%)



Red (25%)

Yellow (34%)

Blue (67%)

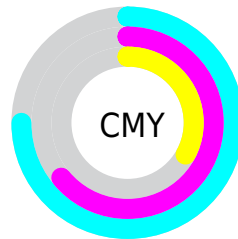


Cyan (63%)

Magenta (46%)

Yellow (0%)

Black (33%)



Cyan (75%)

Magenta (64%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405DAC 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 405DAC by changing the saturation by 10% instead.



 405DAC

 405DAC

FFFFFF

 1E4691

 798FE4

 003077

 96A9FF

 001C5E

 B2C4FF

 000046

 CFE0FF

 00042E

 EDFDFF

 000119

 000000

 405DAC

 405DAC

 2F50AC

 516AAC

■ 1E44AC

■ 6276AC

■ 0C37AC

■ 7483AC

■ 002EAC

■ 858FAC

■ 969CAC

■ A7A8AC

■ B8B5AC

■ CAC2AC

■ DBCEAC

# Harmonies

## Analogous

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



006AAE



405DAC



804B96

# Triad

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



405DAC



9B4927



00724F

# Complementary

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



405DAC



AC8F40

# 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.



2D6E28



405DAC



815908

# Square

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



405DAC



A73B4B



5E6607



007378

# Rectangle

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



405DAC



98407F



5E6607



007142



# Sweetspot

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



405DAC



B6C1E0



40AC8D



565D70



F0F0F0



707070



# Same Dimension

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



405DAC



3865E0



5740AC



4E5057



002896



000617



# Inverse Universe

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



AC405D



E03865



95AC40



574E50



960028



170006



# Previews

## White Background



This preview shows how the Hex color 405DAC looks on a white background.

## Color Contrast Check

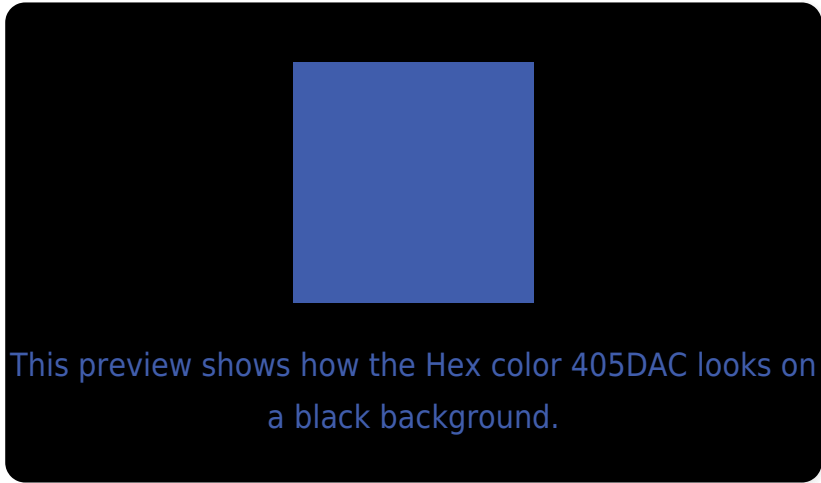
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

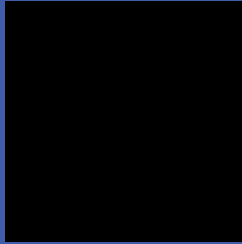
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 405DAC Background



This preview shows how black text looks on a background with the Hex color 405DAC.

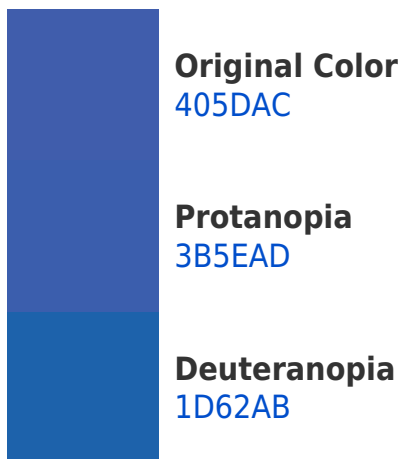



This preview shows how white text looks on a background with the Hex color 405DAC.

# 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](#).

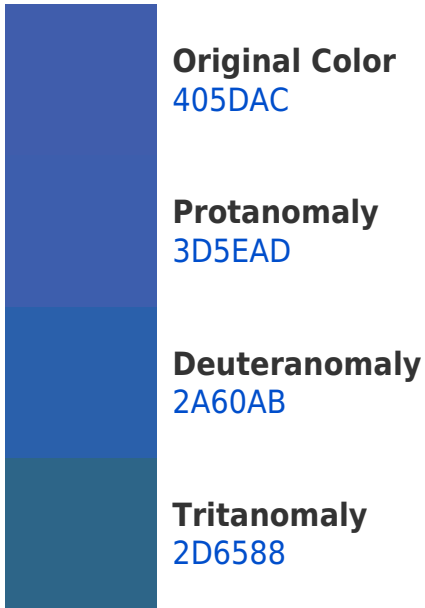
## Dichromacy



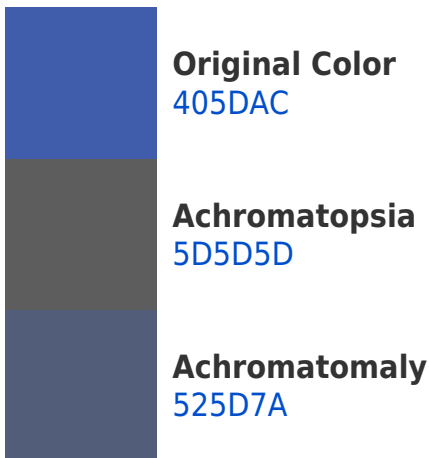


**Tritanopia**  
226A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405DAC 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 #405DAC looks like.

```
.text, #text, p{  
    color:#405DAC  
}
```

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 #405DAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405DAC
}
```

## Border

The CSS property to change the border of an element to Hex 405DAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

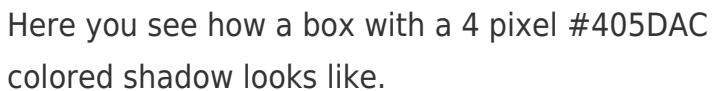
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#405DAC }
```

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

```
.border{ border-color:#405DAC }
```

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



Here you see how a box with a 4 pixel #405DAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405DAC; -webkit-box-shadow:4px 4px  
4px 4px #405DAC; box-shadow:4px 4px 4px  
4px #405DAC }
```

# Background

The CSS property to change the background color of an element to Hex 405DAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405DAC }
```

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

```
.background{ background-color:#405DAC }
```

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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