

# Converting Colors

Hex(400EC5)

Have a look what the booklet for  
Hex(400EC5) contains.

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# Color

**Hex(400EC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	400EC5
RGB	64, 14, 197
RGB Percent	25%, 5%, 77%
CMY	0.7490, 0.9451, 0.2275
CMYK	0.68, 0.93, 0.00, 0.23
HSL	256°, 87%, 41%
HSV	256°, 93%, 77%
XYZ	12.3494, 5.4353, 53.2216
YIQ	49.8120, -28.9430, 67.5130

# Conversions

## Conversions Part 2

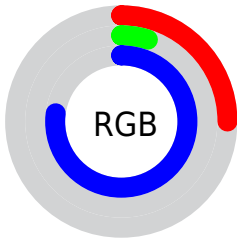
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 14, 197
Decimal	4198085
CIELab	27.94, 63.85, -81.79
CIELCh	28, 103.755, 307.977
Yxy	5.4353, 0.1739, 0.0765
Android (android.graphics.Color)	4282388165 (0xFF400EC5)
YUV	49.8120, 72.5637, 12.4429
Hunter-Lab	23.3137, 53.7538, -119.0303

# Details

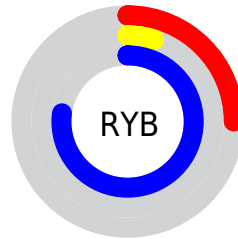
The Hex color **400EC5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **93C50E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8349FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **3600C5**, and if you desaturate by 10%, it is **4E22C5**.

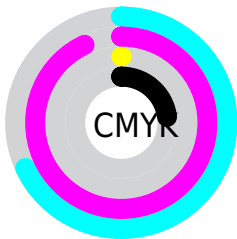
# Distribution



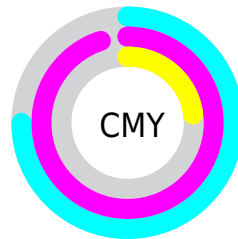
- Red (25%)
- Green (5%)
- Blue (77%)



- Red (25%)
- Yellow (5%)
- Blue (77%)



- Cyan (68%)
- Magenta (93%)
- Yellow (0%)
- Black (23%)



- Cyan (75%)
- Magenta (95%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 400EC5 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 400EC5 by changing the saturation by 10% instead.



400EC5

400EC5

FFFFFF

0900A9

8349FF

00008D

A263FF

000073

C07EFF

000459

DF99FF

000741

FEB5FF

00032A

FFD1FF

000114

FFEEFF

000000

400EC5

400EC5

■ 3600C5

■ 4E22C5

■ 5D35C5

■ 6B49C5

■ 795DC5

■ 8871C5

■ 9684C5

■ A498C5

■ B3ACC5

■ C1BFC5

# Harmonies

## Analogous

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



004CE8



400EC5



A70080

# Triad

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



400EC5



7E2000



005A57

# Complementary

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



400EC5



93C50E

# 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.



005800



400EC5



3E4700

# Square

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



400EC5



AB0000



005300



005CA6

# Rectangle

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



400EC5



BC004C



005300



00593B



# Sweetspot

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



400EC5



CBB8FF



0E94C5



605480



000000



808080



# Same Dimension

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



400EC5



4600FF



9A0EC5



5C5A63



2D00A3



0A0024



# Inverse Universe

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



C50E93



FF00B9



39C50E



635A61



A30077

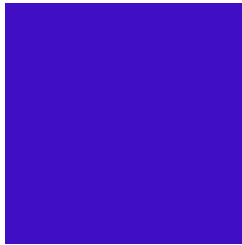


24001A



# Previews

## White Background



This preview shows how the Hex color 400EC5 looks on a white background.

## Color Contrast Check

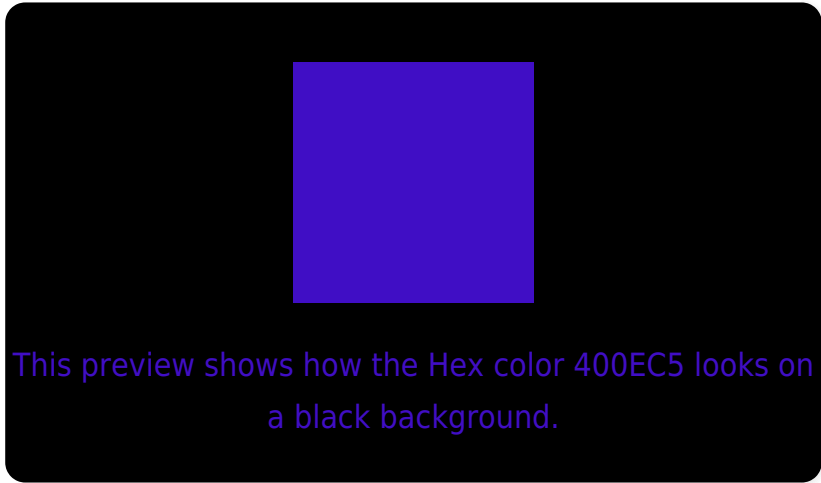
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

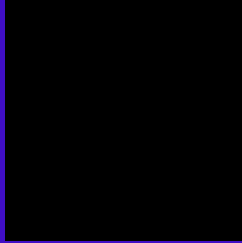
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 400EC5 Background



This preview shows how black text looks on a background with the Hex color 400EC5.



This preview shows how white text looks on a background with the Hex color 400EC5.

# 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



**Original Color**  
400EC5

**Protanopia**  
004188

**Deuteranopia**  
004573



**Tritanopia**  
004A4F

# Trichromacy



**Original Color**  
400EC5

**Protanomaly**  
172E9E

**Deuteranomaly**  
173191

**Tritanomaly**  
17347A

# Monochromacy



**Original Color**  
400EC5

**Achromatopsia**  
323232

**Achromatomaly**  
372567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 400EC5 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 #400EC5 looks like.

```
.text, #text, p{  
    color:#400EC5  
}
```

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 #400EC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400EC5
}
```

## Border

The CSS property to change the border of an element to Hex 400EC5 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
#400EC5 }
```

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

```
.border{ border-color:#400EC5 }
```

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

Here you see how a box with a 4 pixel #400EC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400EC5; -webkit-box-shadow:4px 4px  
4px 4px #400EC5; box-shadow:4px 4px 4px  
4px #400EC5 }
```

# Background

The CSS property to change the background color of an element to Hex 400EC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400EC5 }
```

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

```
.background{ background-color:#400EC5 }
```

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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