

# Converting Colors

Hex(425EA7)

Have a look what the booklet for  
Hex(425EA7) contains.

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# Color

Hex(425EA7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	425EA7
RGB	66, 94, 167
RGB Percent	26%, 37%, 65%
CMY	0.7412, 0.6314, 0.3451
CMYK	0.60, 0.44, 0.00, 0.35
HSL	223°, 43%, 46%
HSV	223°, 60%, 65%
XYZ	13.2245, 11.9537, 38.1695
YIQ	93.9500, -40.1210, 16.7670

# Conversions

## Conversions Part 2

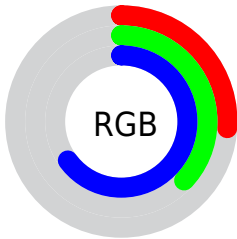
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 88, 167
Decimal	4349607
CIE <sub>Lab</sub>	41.14, 12.79, -42.50
CIE <sub>LCh</sub>	41, 44.381, 286.745
Yxy	11.9537, 0.2088, 0.1887
Android (android.graphics.Color)	4282539687 (0xFF425EA7)
YUV	93.9500, 36.0137, -24.5121
Hunter-Lab	34.5741, 7.7712, -41.2538

# Details

The Hex color **425EA7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A78B42**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7A90DF**, and **003172** is the 20% darker color. If you saturate the color by 10%, you get **3152A7**, and if you desaturate by 10%, it is **536AA7**.

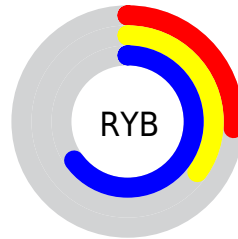
# Distribution



 Red (26%)

 Green (37%)

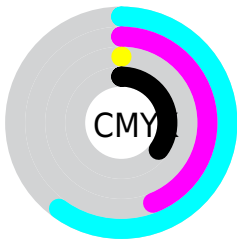
 Blue (65%)





 Red (26%)

 Yellow (35%)

 Blue (65%)

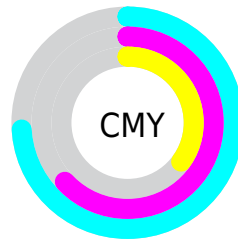


 Cyan (60%)

 Magenta (44%)

 Yellow (0%)

 Black (35%)



 Cyan (74%)

 Magenta (63%)

 Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 425EA7 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 425EA7 by changing the saturation by 10% instead.



■ 425EA7

■ 425EA7

FFFFFF

■ 23478C

■ 7A90DF

■ 003172

■ 96AAFB

■ 001D59

■ B3C6FF

■ 000142

■ CFE2FF

■ 00032B

■ EDFEFF

■ 000115

■ 000000

■ 425EA7

■ 425EA7

■ 3152A7

■ 536AA7

■ 2146A7

■ 6376A7

■ 103AA7

■ 7482A7

■ 002EA7

■ 858EA7

■ 959AA7

■ A6A6A7

■ B7B2A7

■ C8BFA7

■ D8CBA7

# Harmonies

## Analogous

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



006AA8



425EA7



7D4E93

# Triad

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



425EA7



994B2D



00714F

# Complementary

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



425EA7



A78B42

# 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.



356D2C



425EA7



815914

# Square

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



425EA7



A33F4E



606513



007275

# Rectangle

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



425EA7



93457F



606513



007043



# Sweetspot

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



425EA7



B2BDD9



42A78A



565C6E



EDEDED



6E6E6E



# Same Dimension

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



425EA7



3B66D9



5842A7



4C4E54



002994



000614



# Inverse Universe

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



A7425E



D93B66



91A742



544C4E



940029



140006



# Previews

## White Background



This preview shows how the Hex color 425EA7 looks on a white background.

## Color Contrast Check

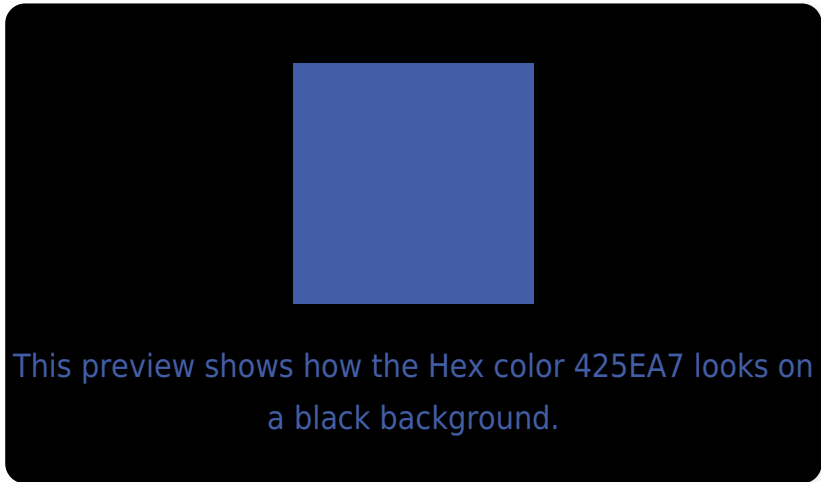
Large Text (above 18pt) WCAG AA ✓ Pass

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 425EA7 Background



This preview shows how black text looks on a background with the Hex color 425EA7.



This preview shows how white text looks on a background with the Hex color 425EA7.

# 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**  
425EA7

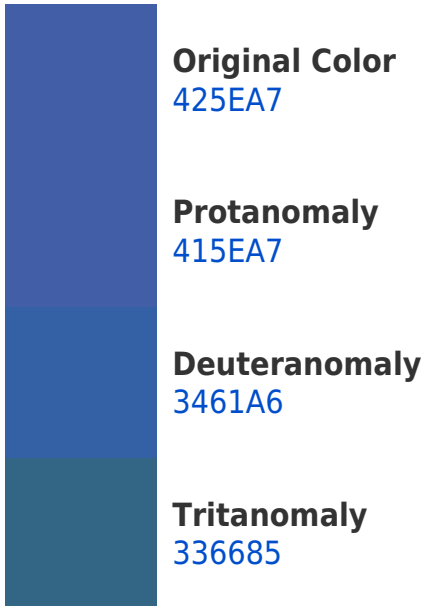
**Protanopia**  
405EA7

**Deuteranopia**  
2C62A6



**Tritanopia**  
2A6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 425EA7 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 #425EA7 looks like.

```
.text, #text, p{  
    color:#425EA7  
}
```

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 #425EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425EA7
}
```

## Border

The CSS property to change the border of an element to Hex 425EA7 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
#425EA7 }
```

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

```
.border{ border-color:#425EA7 }
```

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

Here you see how a box with a 4 pixel #425EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425EA7; -webkit-box-shadow:4px 4px  
4px 4px #425EA7; box-shadow:4px 4px 4px  
4px #425EA7 }
```

# Background

The CSS property to change the background color of an element to Hex 425EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425EA7 }
```

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

```
.background{ background-color:#425EA7 }
```

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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