

# Converting Colors

Hex(425EA6)

Have a look what the booklet for  
Hex(425EA6) contains.

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# Color

Hex(425EA6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	425EA6
RGB	66, 94, 166
RGB Percent	26%, 37%, 65%
CMY	0.7412, 0.6314, 0.3490
CMYK	0.60, 0.43, 0.00, 0.35
HSL	223°, 43%, 45%
HSV	223°, 60%, 65%
XYZ	13.1324, 11.9168, 37.6844
YIQ	93.8360, -39.8000, 16.4560

# Conversions

## Conversions Part 2

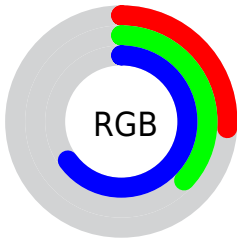
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 88, 166
Decimal	4349606
CIE <sub>Lab</sub>	41.08, 12.44, -42.00
CIE <sub>LCh</sub>	41, 43.803, 286.495
Yxy	11.9168, 0.2093, 0.1900
Android (android.graphics.Color)	4282539686 (0xFF425EA6)
YUV	93.8360, 35.5769, -24.4122
Hunter-Lab	34.5208, 7.4937, -40.5591

# Details

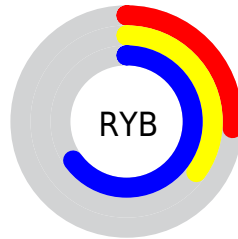
The Hex color **425EA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A68A42**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7A90DE**, and **003171** is the 20% darker color. If you saturate the color by 10%, you get **3152A6**, and if you desaturate by 10%, it is **536AA6**.

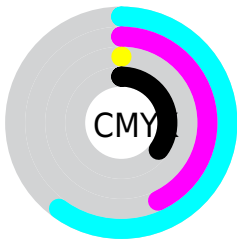
# Distribution



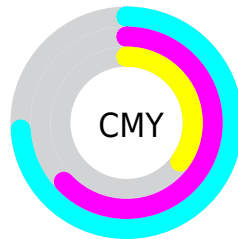
- Red (26%)
- Green (37%)
- Blue (65%)



- Red (26%)
- Yellow (35%)
- Blue (65%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (35%)



- Cyan (74%)
- Magenta (63%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 425EA6 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 425EA6 by changing the saturation by 10% instead.



■ 425EA6

■ 425EA6

FFFFFF

■ 23478B

■ 7A90DE

■ 003171

■ 96AAFA

■ 001C58

■ B2C6FF

■ 000141

■ CFE2FF

■ 00032A

■ ECFEFF

■ 000114

■ 000000

■ 425EA6

■ 425EA6

■ 3152A6

■ 536AA6

■ 2146A6

■ 6376A6

■ 103AA6

■ 7482A6

■ 002EA6

■ 848EA6

■ 959AA6

■ A6A6A6

■ B6B2A6

■ C7BEA6

■ D7CAA6

# Harmonies

## Analogous

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



006AA7



425EA6



7C4F93

# Triad

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



425EA6



984B2E



00714F

# Complementary

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



425EA6



A68A42

# 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.



376D2C



425EA6



815916

# Square

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



425EA6



A2404F



616514



007274

# Rectangle

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



425EA6



92457E



616514



007043



# Sweetspot

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



425EA6



B2BDD9



42A68A



565C6E



EDEDED



6E6E6E



# Same Dimension

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



425EA6



3D68D9



5842A6



4C4E54



002994



000614



# Inverse Universe

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



A6425E



D93D68



90A642



544C4E



940029



140006



# Previews

## White Background



This preview shows how the Hex color 425EA6 looks on a white background.

## Color Contrast Check

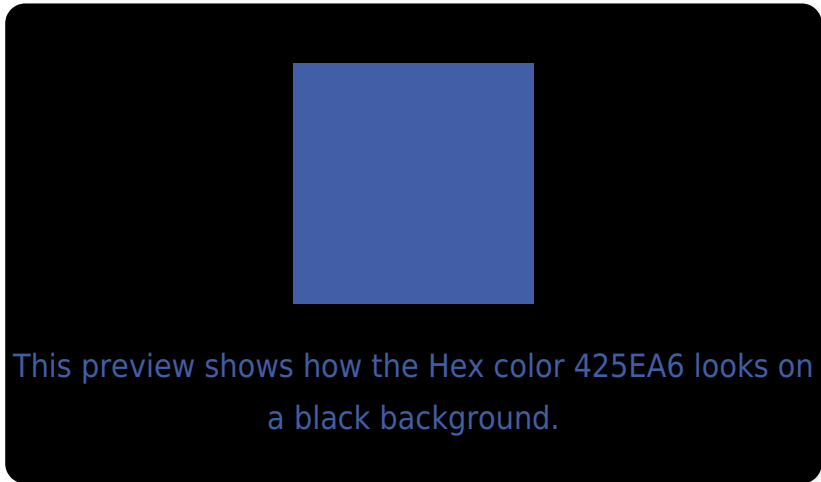
Large Text (above 18pt) WCAG AA ✓ Pass

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

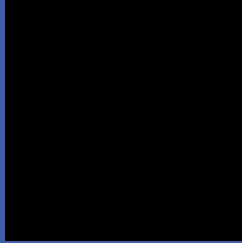
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 425EA6 Background



This preview shows how black text looks on a background with the Hex color 425EA6.

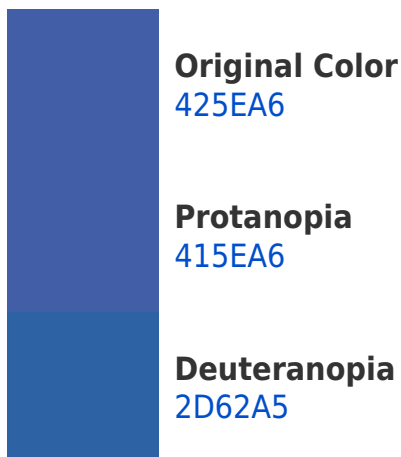



This preview shows how white text looks on a background with the Hex color 425EA6.

# 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](#).

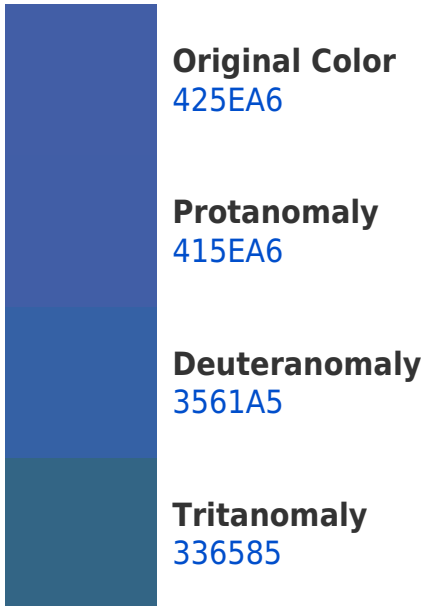
## Dichromacy





**Tritanopia**  
2A6972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 425EA6 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 #425EA6 looks like.

```
.text, #text, p{  
    color:#425EA6  
}
```

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 #425EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425EA6  
}
```

## Border

The CSS property to change the border of an element to Hex 425EA6 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  
#425EA6 }
```

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

```
.border{ border-color:#425EA6 }
```

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

Here you see how a box with a 4 pixel #425EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425EA6; -webkit-box-shadow:4px 4px  
4px 4px #425EA6; box-shadow:4px 4px 4px  
4px #425EA6 }
```

# Background

The CSS property to change the background color of an element to Hex 425EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425EA6 }
```

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

```
.background{ background-color:#425EA6 }
```

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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