

# Converting Colors

Hex(425EE4)

Have a look what the booklet for  
Hex(425EE4) contains.

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# Color

**Hex(425EE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	425EE4
RGB	66, 94, 228
RGB Percent	26%, 37%, 89%
CMY	0.7412, 0.6314, 0.1059
CMYK	0.71, 0.59, 0.00, 0.11
HSL	230°, 75%, 58%
HSV	230°, 71%, 89%
XYZ	20.2531, 14.7651, 75.1813
YIQ	100.9040, -59.7020, 35.7380

# Conversions

## Conversions Part 2

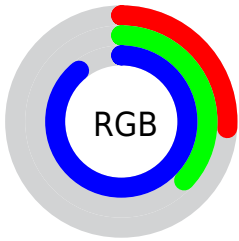
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	66, 90, 228
Decimal	4349668
CIE <sub>Lab</sub>	45.31, 34.37, -71.06
CIE <sub>LCh</sub>	45, 78.940, 295.813
Y <sub>xy</sub>	14.7651, 0.1838, 0.1340
Android (android.graphics.Color)	4282539748 (0xFF425EE4)
YUV	100.9040, 62.6583, -30.6108
Hunter-Lab	38.4254, 26.8385, -89.1063

# Details

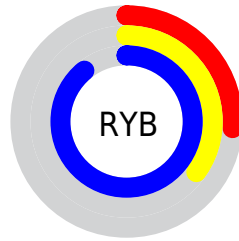
The Hex color **425EE4** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **E4C842**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8590FF**, and **0031AB** is the 20% darker color. If you saturate the color by 10%, you get **2B4BE4**, and if you desaturate by 10%, it is **5971E4**.

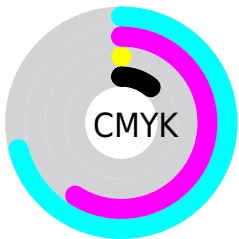
# Distribution



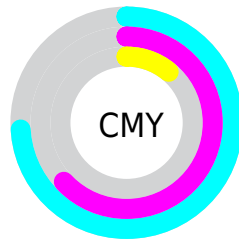
- Red (26%)
- Green (37%)
- Blue (89%)



- Red (26%)
- Yellow (35%)
- Blue (89%)



- Cyan (71%)
- Magenta (59%)
- Yellow (0%)
- Black (11%)



- Cyan (74%)
- Magenta (63%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 425EE4 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 425EE4 by changing the saturation by 10% instead.



■ 425EE4

■ 425EE4

FFFFFF

■ 0947C7

■ 8590FF

■ 0031AB

■ A4ABFF

■ 001D90

■ C3C6FF

■ 000B76

■ E2E2FF

■ 00035C

FFFEFF

■ 000743

■ 00032C

■ 000117

■ 000000

■ 425EE4

■ 425EE4

■ 2B4BE4

■ 5971E4

■ 1438E4

■ 7084E4

■ 0027E4

■ 8697E4

■ 9DA9E4

■ B4BCE4

■ CBCFE4

■ E2E2E4

■ F8F5E4

■ FFFFE4

# Harmonies

## Analogous

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



0077F1



425EE4



AE32B7

# Triad

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



425EE4



BA4600



008560

# Complementary

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



425EE4



E4C842

# 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.



008113



425EE4



8B6600

# Square

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



425EE4



D70437



4B7800



0086A3

# Rectangle

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



425EE4



CE008D



4B7800



008448



# Sweetspot

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



425EE4



C9D3FF



42E4C6



606580



000000



808080



# Same Dimension

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



425EE4



264CFF



7542E4



676973



001FB3



000933



# Inverse Universe

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



E4425E



FF264C



B1E442



736769



B3001F

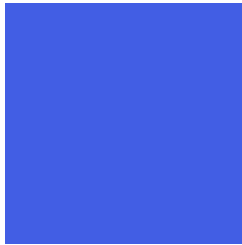


330009



# Previews

## White Background



This preview shows how the Hex color 425EE4 looks on a white background.

## Color Contrast Check

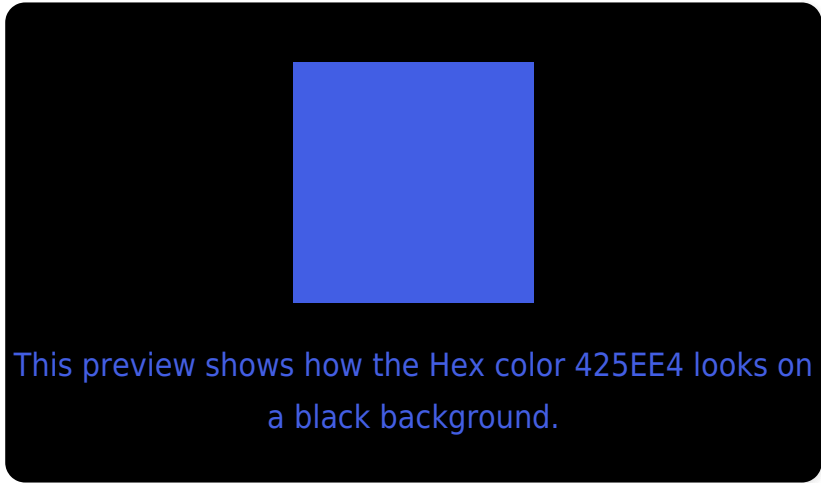
Large Text (above 18pt) WCAG AA ✓ Pass

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

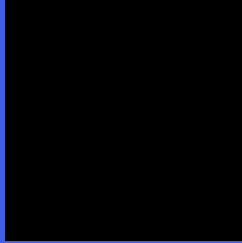
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 425EE4 Background



This preview shows how black text looks on a background with the Hex color 425EE4.

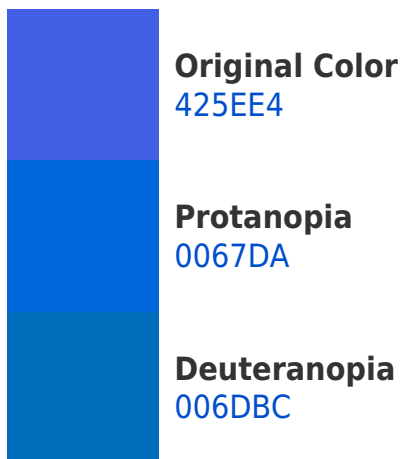


This preview shows how white text looks on a background with the Hex color 425EE4.

# 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](#).

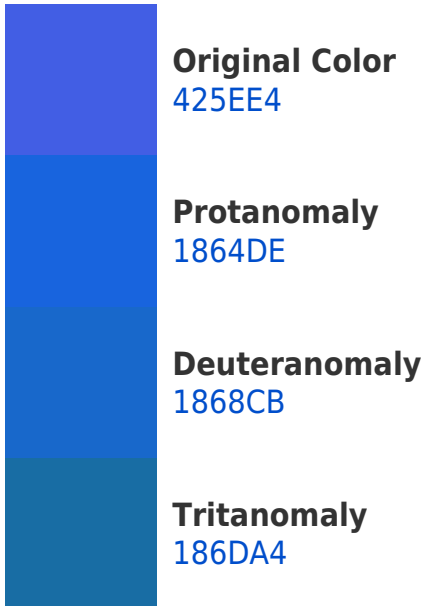
## Dichromacy





**Tritanopia**  
00767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 425EE4 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 #425EE4 looks like.

```
.text, #text, p{  
    color:#425EE4  
}
```

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 #425EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425EE4
}
```

## Border

The CSS property to change the border of an element to Hex 425EE4 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
#425EE4 }
```

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

```
.border{ border-color:#425EE4 }
```

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

Here you see how a box with a 4 pixel #425EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425EE4; -webkit-box-shadow:4px 4px  
4px 4px #425EE4; box-shadow:4px 4px 4px  
4px #425EE4 }
```

# Background

The CSS property to change the background color of an element to Hex 425EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425EE4 }
```

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

```
.background{ background-color:#425EE4 }
```

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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