

# Converting Colors

Hex(4254B5)

Have a look what the booklet for  
Hex(4254B5) contains.

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# Color

Hex(4254B5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4254B5
RGB	66, 84, 181
RGB Percent	26%, 33%, 71%
CMY	0.7412, 0.6706, 0.2902
CMYK	0.64, 0.54, 0.00, 0.29
HSL	231°, 47%, 48%
HSV	231°, 64%, 71%
XYZ	13.7576, 10.8351, 45.0823
YIQ	89.6760, -41.8650, 26.3510

# Conversions

## Conversions Part 2

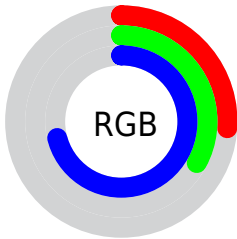
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	66, 82, 181
Decimal	4347061
CIE Lab	39.30, 24.16, -53.72
CIE LCh	39, 58.901, 294.214
Yxy	10.8351, 0.1975, 0.1555
Android (android.graphics.Color)	4282537141 (0xFF4254B5)
YUV	89.6760, 45.0227, -20.7639
Hunter-Lab	32.9167, 17.0001, -58.1612

# Details

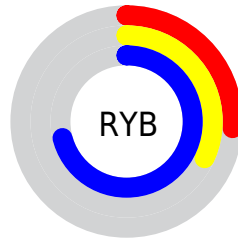
The Hex color **4254B5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B5A342**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7D85EE**, and **00287F** is the 20% darker color. If you saturate the color by 10%, you get **3045B5**, and if you desaturate by 10%, it is **5463B5**.

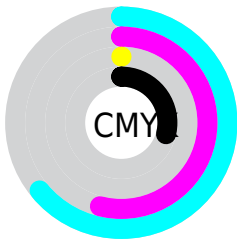
# Distribution



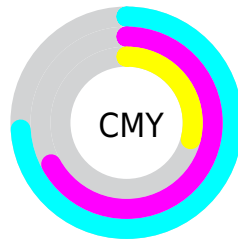
- Red (26%)
- Green (33%)
- Blue (71%)



- Red (26%)
- Yellow (32%)
- Blue (71%)



- Cyan (64%)
- Magenta (54%)
- Yellow (0%)
- Black (29%)



- Cyan (74%)
- Magenta (67%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4254B5 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 4254B5 by changing the saturation by 10% instead.



■ 4254B5

■ 4254B5

FFFFFF

■ 1E3D9A

■ 7D85EE

■ 00287F

■ 9A9FFF

■ 001566

■ B7BAFF

■ 00004D

■ D4D6FF

■ 000535

■ F2F2FF

■ 00021F

■ 000002

■ 000000

■ 4254B5

■ 4254B5

■ 3045B5

■ 5463B5

■ 1E35B5

■ 6673B5

■ 0C26B5

■ 7882B5

■ 001CB5

■ 8A91B5

■ 9DA0B5

■ AFB0B5

■ C1BFB5

■ D3CEB5

■ E5DDB5

# Harmonies

## Analogous

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



0065BD



4254B5



8C3A95

# Triad

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



4254B5



9B4207



007151

# Complementary

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



4254B5



B5A342

# 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.



006D1E



4254B5



795700

# Square

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



4254B5



AE2939



4B6500



007183

# Rectangle

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



4254B5



A42978



4B6500



007041



# Sweetspot

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



4254B5



BEC5EB



42B5A2



5A5F75



F5F5F5



757575



# Same Dimension

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



4254B5



3854EB



6842B5



505259



001899



00041A



# Inverse Universe

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



B54254



EB3854



8FB542



595052



990018

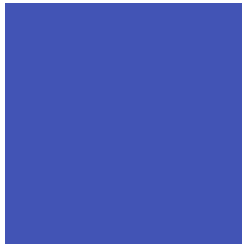


1A0004



# Previews

## White Background



This preview shows how the Hex color 4254B5 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



This preview shows how the Hex color 4254B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

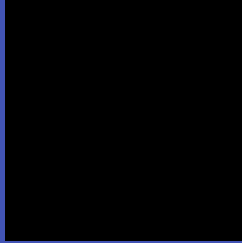
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4254B5 Background



This preview shows how black text looks on a background with the Hex color 4254B5.

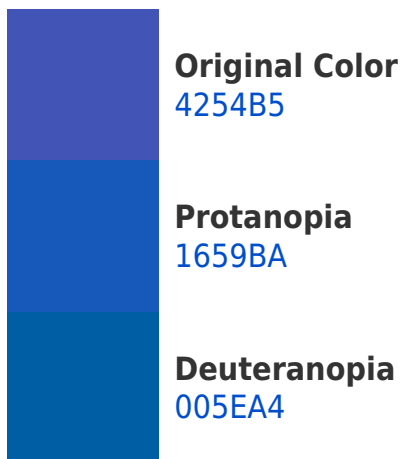



This preview shows how white text looks on a background with the Hex color 4254B5.

# 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](#).

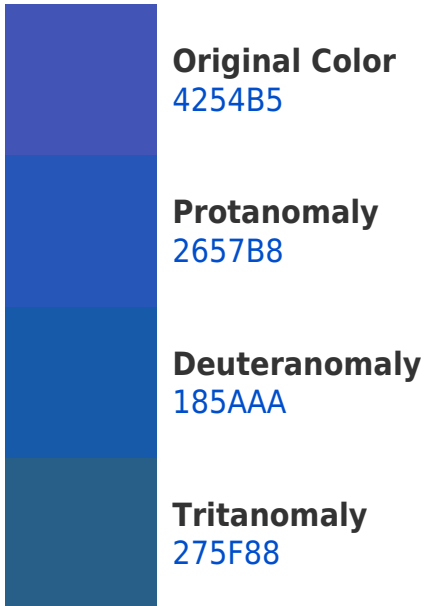
## Dichromacy



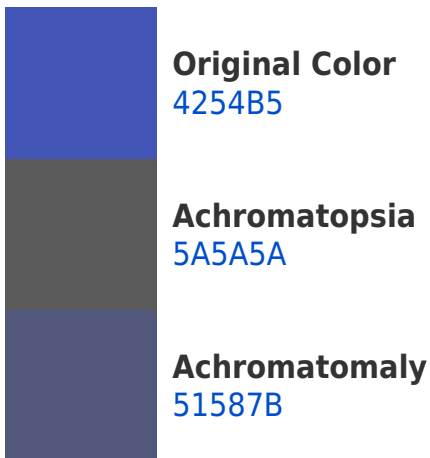


**Tritanopia**  
18666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4254B5 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 #4254B5 looks like.

```
.text, #text, p{  
    color:#4254B5  
}
```

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 #4254B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4254B5
}
```

## Border

The CSS property to change the border of an element to Hex 4254B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

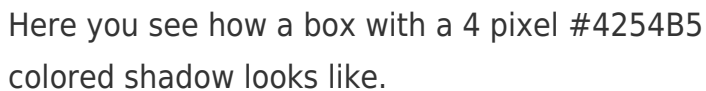
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4254B5 }
```

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

```
.border{ border-color:#4254B5 }
```

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



Here you see how a box with a 4 pixel #4254B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4254B5; -webkit-box-shadow:4px 4px  
4px 4px #4254B5; box-shadow:4px 4px 4px  
4px #4254B5 }
```

# Background

The CSS property to change the background color of an element to Hex 4254B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4254B5 }
```

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

```
.background{ background-color:#4254B5 }
```

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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