

# Converting Colors

Hex(4863DA)

Have a look what the booklet for  
Hex(4863DA) contains.

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# Color

**Hex(4863DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4863DA
RGB	72, 99, 218
RGB Percent	28%, 39%, 85%
CMY	0.7176, 0.6118, 0.1451
CMYK	0.67, 0.55, 0.00, 0.15
HSL	229°, 66%, 57%
HSV	229°, 67%, 85%
XYZ	19.7892, 15.3634, 68.2521
YIQ	104.4930, -54.2910, 31.2850

# Conversions

## Conversions Part 2

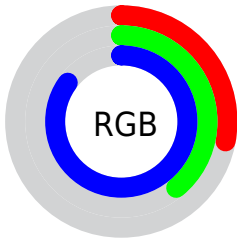
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 95, 218
Decimal	4744154
CIE Lab	46.13, 28.55, -64.05
CIE LCh	46, 70.125, 294.028
Yxy	15.3634, 0.1914, 0.1486
Android (android.graphics.Color)	4282934234 (0xFF4863DA)
YUV	104.4930, 55.9590, -28.4964
Hunter-Lab	39.1961, 21.5273, -75.8042

# Details

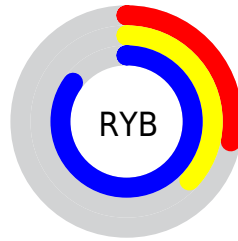
The Hex color **4863DA** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **DABF48**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8795FF**, and **0035A2** is the 20% darker color. If you saturate the color by 10%, you get **3251DA**, and if you desaturate by 10%, it is **5E75DA**.

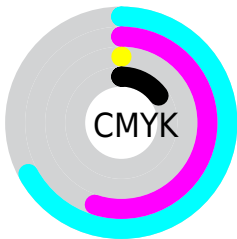
# Distribution



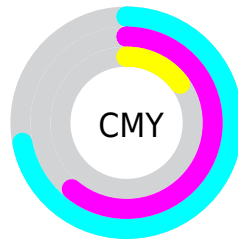
- Red (28%)
- Green (39%)
- Blue (85%)



- Red (28%)
- Yellow (37%)
- Blue (85%)



- Cyan (67%)
- Magenta (55%)
- Yellow (0%)
- Black (15%)



- Cyan (72%)
- Magenta (61%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4863DA 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 4863DA by changing the saturation by 10% instead.



■ 4863DA

■ 4863DA

FFFFFF

■ 1E4BBE

■ 8795FF

■ 0035A2

■ A6B0FF

■ 002187

■ C4CBFF

■ 000F6D

■ E2E7FF

■ 000254

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 4863DA

■ 4863DA

■ 3251DA

■ 5E75DA

■ 1C3FDA

■ 7487DA

■ 072EDA

■ 8998DA

■ 0028DA

■ 9FAADA

■ B5BCDA

■ CBCEDA

■ E1DFDA

■ F6F1DA

■ FFFFDA

# Harmonies

## Analogous

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



0078E4



4863DA



A742B3

# Triad

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



4863DA



B84C00



00865F

# Complementary

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



4863DA



DABF48

# 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.



00811F



4863DA



8F6700

# Square

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



4863DA



D02942



577800



00869C

# Rectangle

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



4863DA



C4298F



577800



00854B



# Sweetspot

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



4863DA



CCD5FF



48DABD



616780



000000



808080



# Same Dimension

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



4863DA



3359FF



7448DA



63656E



0020AD



00082E



# Inverse Universe

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



DA4863



FF3359



AEDA48



6E6365



AD0020

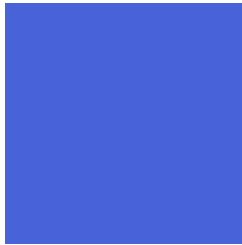


2E0008



# Previews

## White Background



This preview shows how the Hex color 4863DA looks on a white background.

## Color Contrast Check

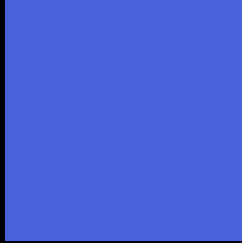
Large Text (above 18pt) WCAG AA ✓ Pass

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 4863DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

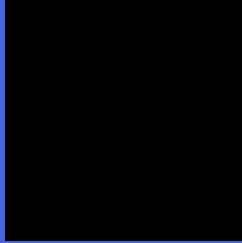
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4863DA Background



This preview shows how black text looks on a background with the Hex color 4863DA.

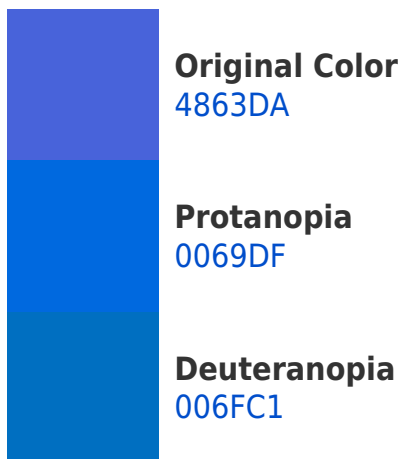


This preview shows how white text looks on a background with the Hex color 4863DA.

# Color Blindness Simulation

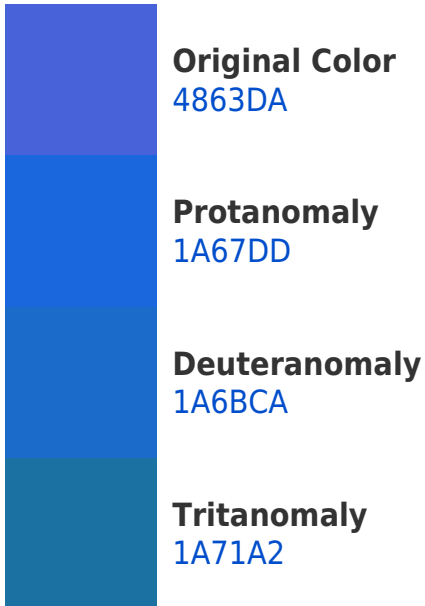
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4863DA 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 #4863DA looks like.

```
.text, #text, p{  
    color:#4863DA  
}
```

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 #4863DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4863DA
}
```

## Border

The CSS property to change the border of an element to Hex 4863DA 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
#4863DA }
```

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

```
.border{ border-color:#4863DA }
```

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

Here you see how a box with a 4 pixel #4863DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4863DA; -webkit-box-shadow:4px 4px  
4px 4px #4863DA; box-shadow:4px 4px 4px  
4px #4863DA }
```

# Background

The CSS property to change the background color of an element to Hex 4863DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4863DA }
```

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

```
.background{ background-color:#4863DA }
```

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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