

# Converting Colors

Hex(5D5BA2)

Have a look what the booklet for  
Hex(5D5BA2) contains.

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# Color

**Hex(5D5BA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D5BA2
RGB	93, 91, 162
RGB Percent	36%, 36%, 64%
CMY	0.6353, 0.6431, 0.3647
CMYK	0.43, 0.44, 0.00, 0.36
HSL	242°, 28%, 50%
HSV	242°, 44%, 64%
XYZ	14.7769, 12.4180, 35.8005
YIQ	99.6920, -21.5990, 22.5050

# Conversions

## Conversions Part 2

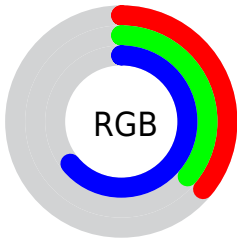
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 91, 162
Decimal	6118306
CIELab	41.87, 19.40, -38.26
CIELCh	42, 42.899, 296.891
Yxy	12.4180, 0.2346, 0.1971
Android (android.graphics.Color)	4284308386 (0xFF5D5BA2)
YUV	99.6920, 30.7178, -5.8689
Hunter-Lab	35.2391, 13.1822, -35.5671

# Details

The Hex color **5D5BA2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0A25B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **928DD9**, and **282D6E** is the 20% darker color. If you saturate the color by 10%, you get **4D4BA2**, and if you desaturate by 10%, it is **6D6BA2**.

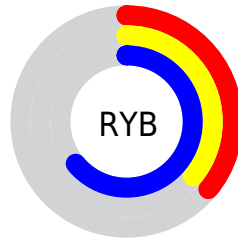
# Distribution



Red (36%)

Green (36%)

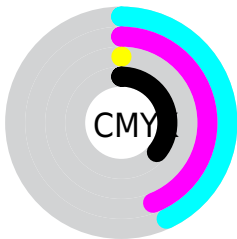
Blue (64%)



Red (36%)

Yellow (36%)

Blue (64%)

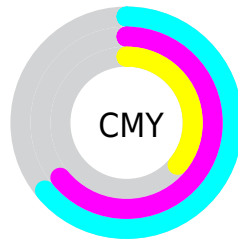


Cyan (43%)

Magenta (44%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (64%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5BA2 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 5D5BA2 by changing the saturation by 10% instead.



■ 5D5BA2

■ 5D5BA2

FFFFFF

■ 434487

■ 928DD9

■ 282D6E

■ AEA7F6

■ 071955

■ CAC3FF

■ 00003D

■ E7DFFF

■ 000327

■ FFFBFF

■ 000110

■ 000000

■ 5D5BA2

■ 5D5BA2

■ 4D4BA2

■ 6D6BA2

■ 3E3BA2

■ 7C7BA2

■ 2E2AA2

■ 8C8CA2

■ 1E1AA2

■ 9C9CA2

■ 0E0AA2

■ ACACA2

■ 0500A2

■ BBBCA2

■ CBCCA2

■ DBDDA2

■ EBEDA2

# Harmonies

## Analogous

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



0068A9



5D5BA2



8A4C8A

# Triad

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



5D5BA2



935227



00745E

# Complementary

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



5D5BA2



A0A25B

# 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.



25713A



5D5BA2



796016

# Square

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



5D5BA2



A24645



566A1E



007482

# Rectangle

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



5D5BA2



9B4474



566A1E



007352



# Sweetspot

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



5D5BA2



B9B8D4



5BA1A2



5A5A6B



EBEBEB



6B6B6B



# Same Dimension

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



5D5BA2



6763D4



805BA2



4A4952



040091



010012



# Inverse Universe

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



A25BA0



D463D0



7DA25B



524951



91008D

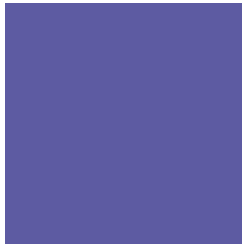


120011



# Previews

## White Background



This preview shows how the Hex color 5D5BA2 looks on a white background.

## Color Contrast Check

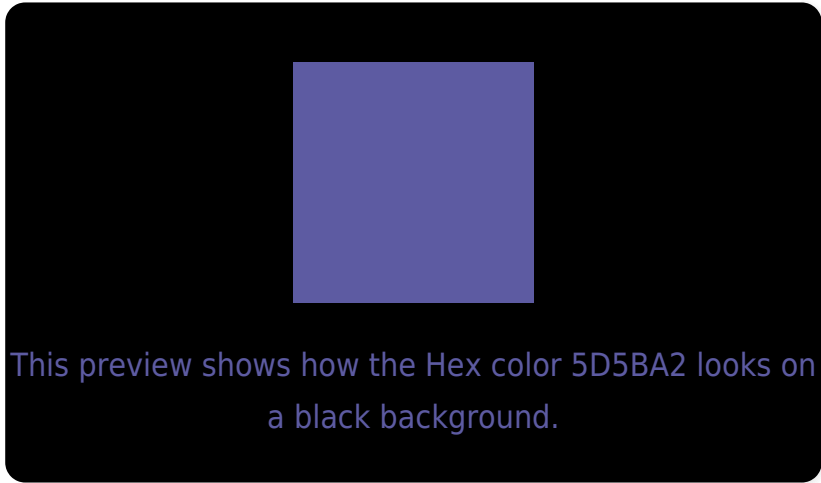
Large Text (above 18pt) WCAG AA ✓ Pass

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

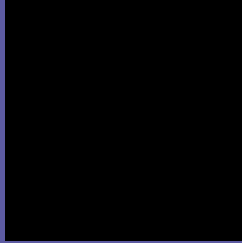
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D5BA2 Background



This preview shows how black text looks on a background with the Hex color 5D5BA2.

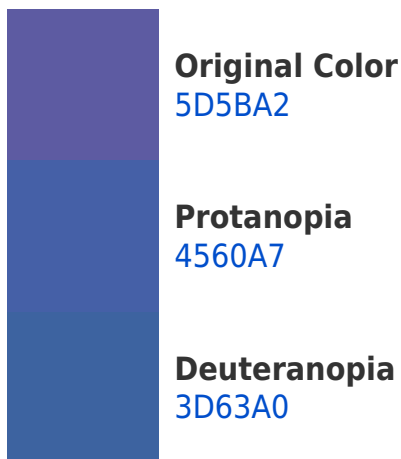



This preview shows how white text looks on a background with the Hex color 5D5BA2.

# 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](#).

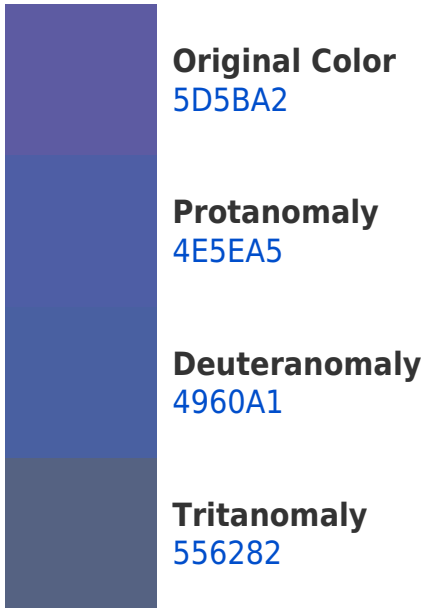
## Dichromacy



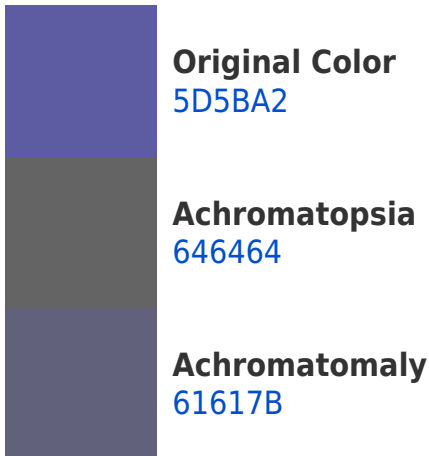


**Tritanopia**  
50666F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5BA2 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 #5D5BA2 looks like.

```
.text, #text, p{  
    color:#5D5BA2  
}
```

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 #5D5BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5BA2
}
```

## Border

The CSS property to change the border of an element to Hex 5D5BA2 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
#5D5BA2 }
```

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

```
.border{ border-color:#5D5BA2 }
```

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

Here you see how a box with a 4 pixel #5D5BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5BA2; -webkit-box-shadow:4px 4px  
4px 4px #5D5BA2; box-shadow:4px 4px 4px  
4px #5D5BA2 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5BA2 }
```

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

```
.background{ background-color:#5D5BA2 }
```

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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