

# Converting Colors

Hex(5D3BA1)

Have a look what the booklet for  
Hex(5D3BA1) contains.

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# Color

**Hex(5D3BA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D3BA1
RGB	93, 59, 161
RGB Percent	36%, 23%, 63%
CMY	0.6353, 0.7686, 0.3686
CMYK	0.42, 0.63, 0.00, 0.37
HSL	260°, 46%, 43%
HSV	260°, 63%, 63%
XYZ	12.5112, 8.0283, 34.6084
YIQ	80.7940, -12.4780, 38.9300

# Conversions

## Conversions Part 2

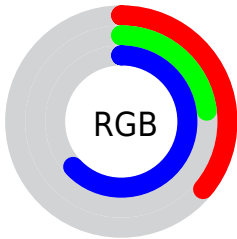
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 59, 161
Decimal	6110113
CIELab	34.04, 38.65, -50.21
CIELCh	34, 63.363, 307.585
Yxy	8.0283, 0.2269, 0.1456
Android (android.graphics.Color)	4284300193 (0xFF5D3BA1)
YUV	80.7940, 39.5416, 10.7047
Hunter-Lab	28.3342, 29.2330, -52.5849

# Details

The Hex color **5D3BA1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FA13B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **946CD9**, and **250C6C** is the 20% darker color. If you saturate the color by 10%, you get **522BA1**, and if you desaturate by 10%, it is **684BA1**.

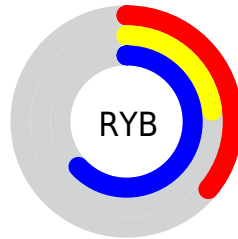
# Distribution



Red (36%)

Green (23%)

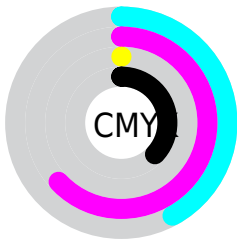
Blue (63%)



Red (36%)

Yellow (23%)

Blue (63%)

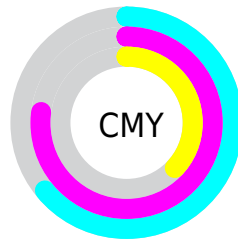


Cyan (42%)

Magenta (63%)

Yellow (0%)

Black (37%)



Cyan (64%)

Magenta (77%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D3BA1 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 5D3BA1 by changing the saturation by 10% instead.



5D3BA1

5D3BA1

FFFFFF

422486

946CD9

250C6C

B086F5

000053

CDA0FF

00003C

EABCFF

000225

FFD8FF

00010D

FFF4FF

000000

5D3BA1

5D3BA1

522BA1

684BA1

481BA1

725BA1

3D0BA1

7D6BA1

3600A1

887BA1

938BA1

9D9CA1

A8ACA1

B3BCA1

BECCA1

# Harmonies

## Analogous

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



0053B6



5D3BA1



931278

# Triad

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



5D3BA1



803E00



00655C

# Complementary

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



5D3BA1



7FA13B

# 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.



006226



5D3BA1



575200

# Square

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



5D3BA1



9C1E14



1A5D00



00648D

# Rectangle

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



5D3BA1



A30056



1A5D00



00644A



# Sweetspot

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



5D3BA1



B7A9D1



3B7FA1



595169



E8E8E8



696969



# Same Dimension

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



5D3BA1



6732D1



903BA1



4C4952



300091



060012



# Inverse Universe

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



A13B7F



D1329C



4CA13B



52494F



910061

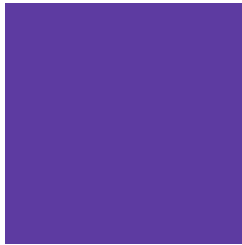


12000C



# Previews

## White Background



This preview shows how the Hex color 5D3BA1 looks on a white background.

## Color Contrast Check

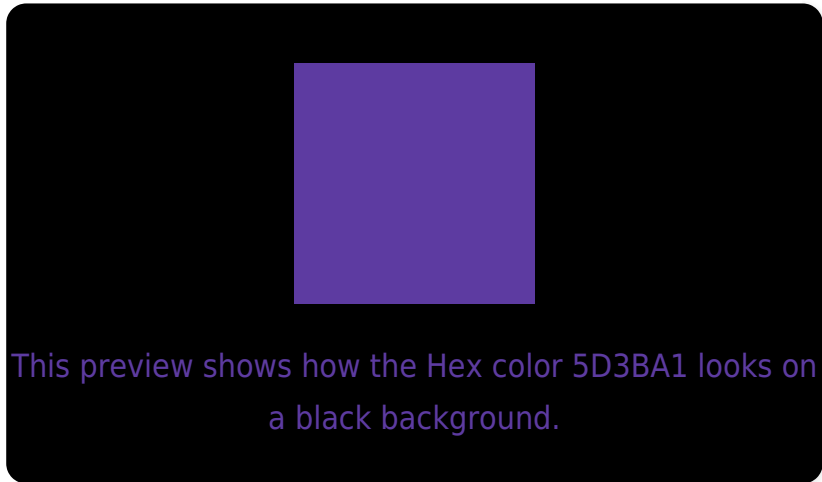
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

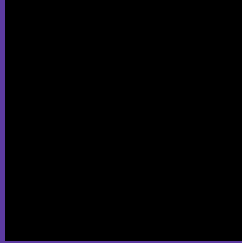
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D3BA1 Background



This preview shows how black text looks on a background with the Hex color 5D3BA1.

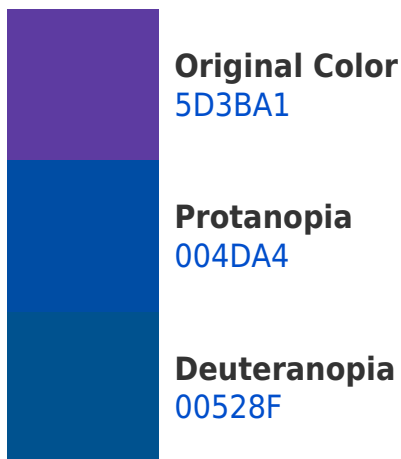


This preview shows how white text looks on a background with the Hex color 5D3BA1.

# 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**  
4B5157

# Trichromacy



**Original Color**  
5D3BA1



**Protanomaly**  
2246A3



**Deuteranomaly**  
224A96



**Tritanomaly**  
524972

# Monochromacy



**Original Color**  
5D3BA1



**Achromatopsia**  
515151



**Achromatomaly**  
55496E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D3BA1 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 #5D3BA1 looks like.

```
.text, #text, p{  
    color:#5D3BA1  
}
```

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 #5D3BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3BA1
}
```

## Border

The CSS property to change the border of an element to Hex 5D3BA1 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
#5D3BA1 }
```

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

```
.border{ border-color:#5D3BA1 }
```

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

Here you see how a box with a 4 pixel #5D3BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3BA1; -webkit-box-shadow:4px 4px  
4px 4px #5D3BA1; box-shadow:4px 4px 4px  
4px #5D3BA1 }
```

# Background

The CSS property to change the background color of an element to Hex 5D3BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3BA1 }
```

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

```
.background{ background-color:#5D3BA1 }
```

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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