

Converting Colors

Hex(6A5DB3)

Have a look what the booklet for
Hex(6A5DB3) contains.

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Color

Hex(6A5DB3)

Conversions

Conversions Part 1

Format	Color
Hex	6A5DB3
RGB	106, 93, 179
RGB Percent	42%, 36%, 70%
CMY	0.5843, 0.6353, 0.2980
CMYK	0.41, 0.48, 0.00, 0.30
HSL	249°, 36%, 53%
HSV	249°, 48%, 70%
XYZ	17.9949, 14.1475, 44.4301
YIQ	106.6910, -19.8580, 29.5020

Conversions

Conversions Part 2

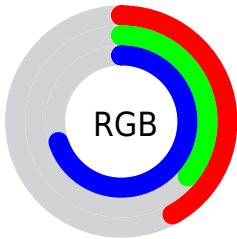
Format	Color
R _Y B	106, 93, 179
Decimal	6970803
CIE Lab	44.44, 26.57, -44.13
CIE LCh	44, 51.512, 301.052
Yxy	14.1475, 0.2350, 0.1848
Android (android.graphics.Color)	4285160883 (0xFF6A5DB3)
YUV	106.6910, 35.6483, -0.6060
Hunter-Lab	37.6132, 19.5747, -43.7063

Details

The Hex color **6A5DB3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A6B35D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A190EB**, and **342F7E** is the 20% darker color. If you saturate the color by 10%, you get **5B4BB3**, and if you desaturate by 10%, it is **796FB3**.

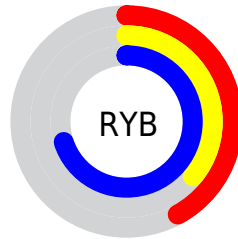
Distribution



Red (42%)

Green (36%)

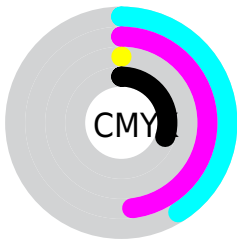
Blue (70%)



Red (42%)

Yellow (36%)

Blue (70%)

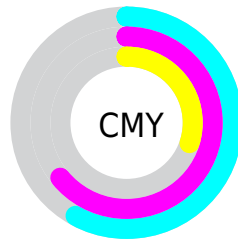


Cyan (41%)

Magenta (48%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (64%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5DB3 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 6A5DB3 by changing the saturation by 10% instead.

■ 6A5DB3

■ 6A5DB3

FFFFFF

■ 4F4598

■ A190EB

■ 342F7E

■ BDAAFF

■ 161A64

■ D9C5FF

■ 00034C

■ F7E1FF

■ 000234

FFFEFF

■ 00021E

■ 000000

■ 6A5DB3

■ 6A5DB3

■ 5B4BB3

■ 796FB3

4C39B3

8881B3

3C27B3

9893B3

2D15B3

A7A5B3

1E03B3

B6B6B3

1B00B3

C5C8B3

D4DAB3

E4ECB3

F3FEB3

Harmonies

Analogous

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



006EBF



6A5DB3



9E4993

Triad

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



6A5DB3



9E571B



007D69

Complementary

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



6A5DB3



A6B35D

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.



007A3D



6A5DB3



7D6800

Square

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



6A5DB3



B2453F



527316



007D94

Rectangle

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



6A5DB3



AF4078



527316



007C5A

Sweetspot

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



6A5DB3



CCC8E8



5DA6B3



646175



F5F5F5



757575

Same Dimension

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



6A5DB3



7661E8



955DB3



525059



170099



04001A

Inverse Universe

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



B35DA6



E861D4



7BB35D



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color 6A5DB3 looks on a white background.

Color Contrast Check

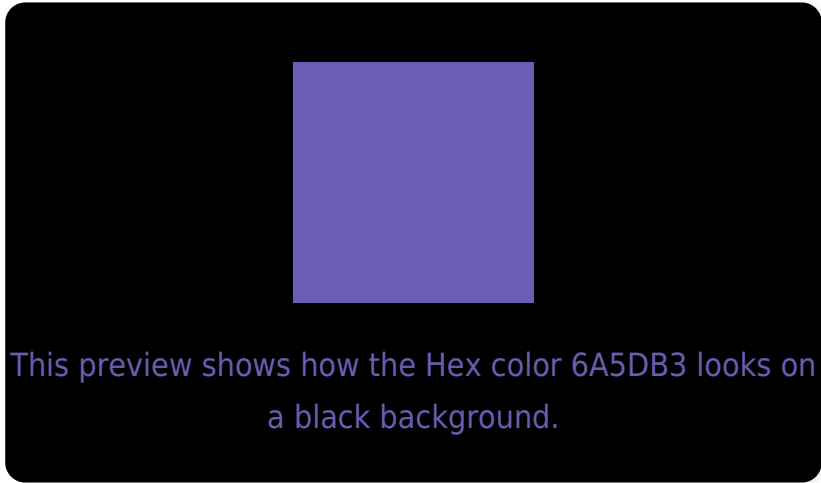
Large Text (above 18pt) WCAG AA ✓ Pass

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

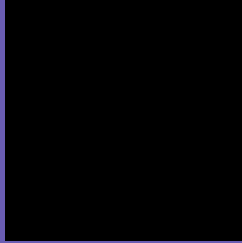
Any Text WCAG AA × Fail

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 6A5DB3 Background



This preview shows how black text looks on a background with the Hex color 6A5DB3.

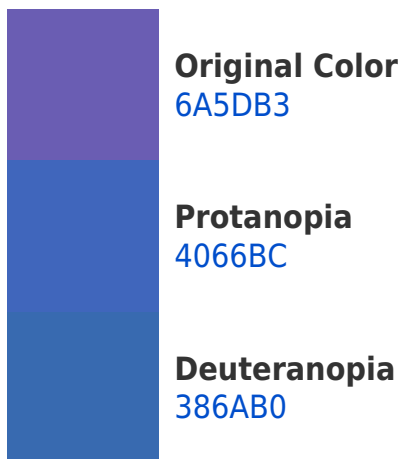


This preview shows how white text looks on a background with the Hex color 6A5DB3.

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](#).

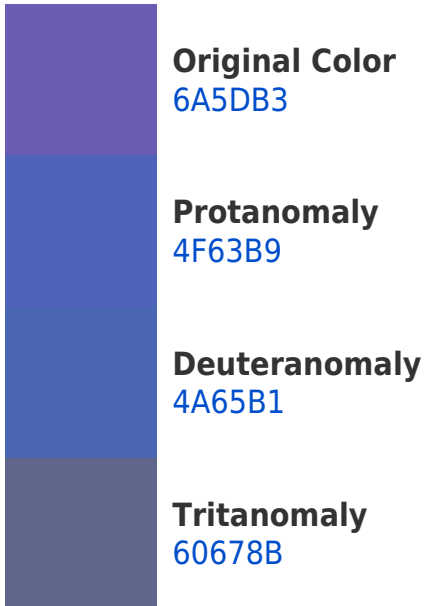
Dichromacy





Tritanopia
5B6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5DB3 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 #6A5DB3 looks like.

```
.text, #text, p{  
    color:#6A5DB3  
}
```

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 #6A5DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5DB3
}
```

Border

The CSS property to change the border of an element to Hex 6A5DB3 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
#6A5DB3 }
```

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

```
.border{ border-color:#6A5DB3 }
```

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

Here you see how a box with a 4 pixel #6A5DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5DB3; -webkit-box-shadow:4px 4px  
4px 4px #6A5DB3; box-shadow:4px 4px 4px  
4px #6A5DB3 }
```

Background

The CSS property to change the background color of an element to Hex 6A5DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5DB3 }
```

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

```
.background{ background-color:#6A5DB3 }
```

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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