

Converting Colors

Hex(6B50A3)

Have a look what the booklet for
Hex(6B50A3) contains.

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Color

Hex(6B50A3)

Conversions

Conversions Part 1

Format	Color
Hex	6B50A3
RGB	107, 80, 163
RGB Percent	42%, 31%, 64%
CMY	0.5804, 0.6863, 0.3608
CMYK	0.34, 0.51, 0.00, 0.36
HSL	260°, 34%, 48%
HSV	260°, 51%, 64%
XYZ	15.5429, 11.5075, 36.0523
YIQ	97.5350, -10.5510, 31.5370

Conversions

Conversions Part 2

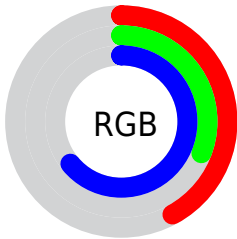
Format	Color
R_{YB}	107, 80, 163
Decimal	7032995
CIE _{Lab}	40.42, 30.22, -41.08
CIE _{LCh}	40, 51.003, 306.340
Yxy	11.5075, 0.2463, 0.1824
Android (android.graphics.Color)	4285223075 (0xFF6B50A3)
YUV	97.5350, 32.2742, 8.3008
Hunter-Lab	33.9227, 22.4218, -39.2663

Details

The Hex color **6B50A3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **88A350**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A182DA**, and **37226F** is the 20% darker color. If you saturate the color by 10%, you get **6040A3**, and if you desaturate by 10%, it is **7660A3**.

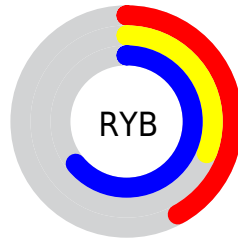
Distribution



Red (42%)

Green (31%)

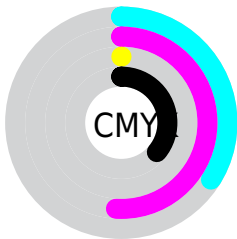
Blue (64%)



Red (42%)

Yellow (31%)

Blue (64%)

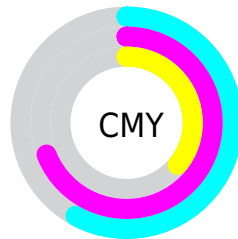


Cyan (34%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B50A3 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 6B50A3 by changing the saturation by 10% instead.

6B50A3

6B50A3

FFFFFF

513988

A182DA

37226F

BD9CF7

1C0C56

D9B7FF

06003E

F6D3FF

000327

FFEFFF

000111

000000

6B50A3

6B50A3

6040A3

7660A3

■ 552FA3

■ 8171A3

■ 4A1FA3

■ 8C81A3

■ 3F0FA3

■ 9791A3

■ 3500A3

■ A2A2A3

■ ADB2A3

■ B8C2A3

■ C3D2A3

■ CEE3A3

Harmonies

Analogous

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



0061B3



6B50A3



983C82

Triad

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



6B50A3



8D510A



007267

Complementary

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



6B50A3



88A350

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.



00703C



6B50A3



6B6000

Square

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



6B50A3



A43E30



3F6B12



007290

Rectangle

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



6B50A3



A63466



3F6B12



007259

Sweetspot

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



6B50A3



BEB4D4



5089A3



5E586B



EBEBEB



6B6B6B

Same Dimension

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



6B50A3



7D53D4



9450A3



4C4952



2F0091



060012

Inverse Universe

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



A35088



D453AA



5FA350



52494F



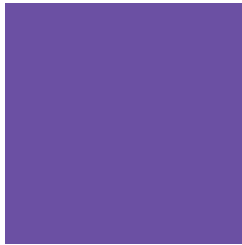
910062



12000C

Previews

White Background



This preview shows how the Hex color 6B50A3 looks on a white background.

Color Contrast Check

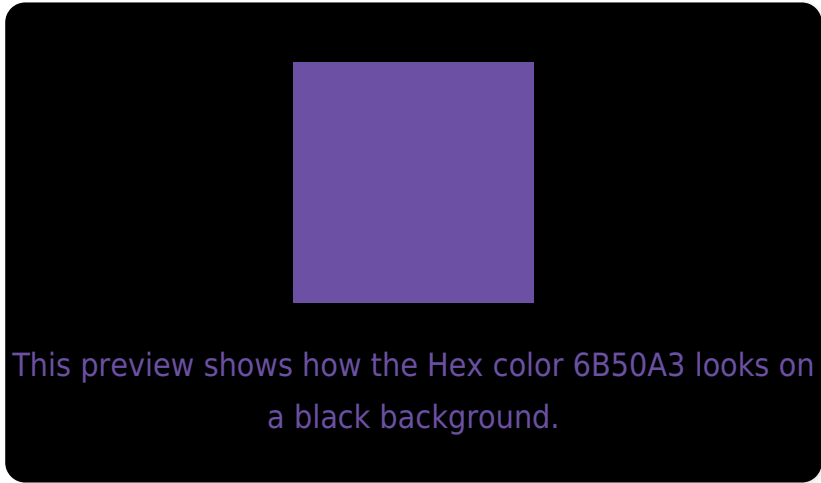
Large Text (above 18pt) WCAG AA ✓ Pass

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

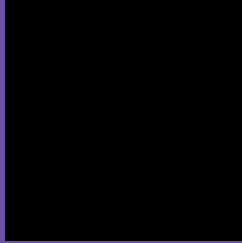
Any Text WCAG AA × Fail

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 6B50A3 Background



This preview shows how black text looks on a background with the Hex color 6B50A3.

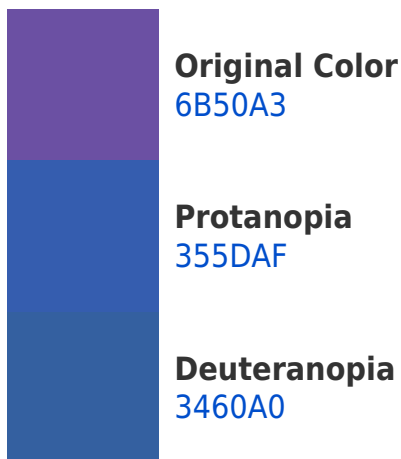


This preview shows how white text looks on a background with the Hex color 6B50A3.

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](#).

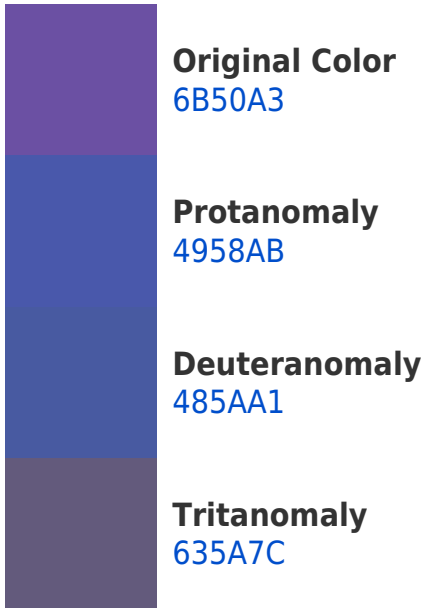
Dichromacy





Tritanopia
5E5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B50A3 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 #6B50A3 looks like.

```
.text, #text, p{  
    color:#6B50A3  
}
```

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 #6B50A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B50A3
}
```

Border

The CSS property to change the border of an element to Hex 6B50A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

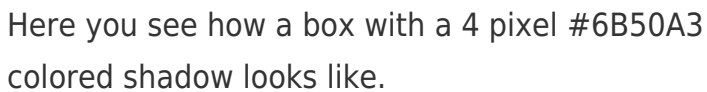
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B50A3 }
```

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

```
.border{ border-color:#6B50A3 }
```

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



Here you see how a box with a 4 pixel #6B50A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B50A3; -webkit-box-shadow:4px 4px  
4px 4px #6B50A3; box-shadow:4px 4px 4px  
4px #6B50A3 }
```

Background

The CSS property to change the background color of an element to Hex 6B50A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B50A3 }
```

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

```
.background{ background-color:#6B50A3 }
```

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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