

# Converting Colors

Hex(6A03BE)

Have a look what the booklet for  
Hex(6A03BE) contains.

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# Color

**Hex(6A03BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A03BE
RGB	106, 3, 190
RGB Percent	42%, 1%, 75%
CMY	0.5843, 0.9882, 0.2549
CMYK	0.44, 0.98, 0.00, 0.25
HSL	273°, 97%, 38%
HSV	273°, 98%, 75%
XYZ	15.2707, 6.8470, 49.2319
YIQ	55.1150, 1.3610, 79.9930

# Conversions

## Conversions Part 2

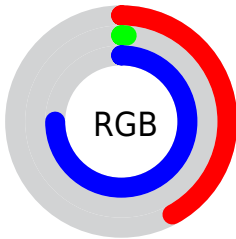
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 3, 190
Decimal	6947774
CIE <sub>Lab</sub>	31.46, 67.27, -71.69
CIE <sub>LCh</sub>	31, 98.303, 313.178
Yxy	6.8470, 0.2140, 0.0960
Android (android.graphics.Color)	4285137854 (0xFF6A03BE)
YUV	55.1150, 66.4983, 44.6261
Hunter-Lab	26.1668, 58.3791, -93.2355

# Details

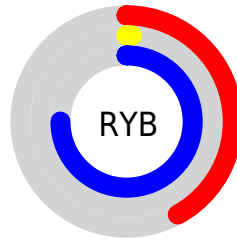
The Hex color **6A03BE** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **57BE03**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A54AF8**, and **2A0087** is the 20% darker color. If you saturate the color by 10%, you get **6900BE**, and if you desaturate by 10%, it is **7316BE**.

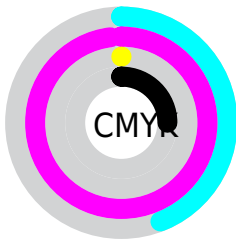
# Distribution



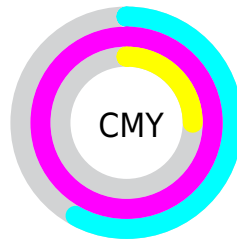
- Red (42%)
- Green (1%)
- Blue (75%)



- Red (42%)
- Yellow (1%)
- Blue (75%)



- Cyan (44%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (99%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A03BE 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 6A03BE by changing the saturation by 10% instead.



 6A03BE

 6A03BE

FFFFFF

 4C00A2

 A54AF8

 2A0087

 C366FF

 00006D

 E181FF

 000053

 FF9DFF

 00063B

 FFB9FF

 000224

 FFD6FF

 00000D

 FFF4FF

 000000

 6A03BE

 6A03BE

6900BE

7316BE

7B29BE

843CBE

8C4FBE

9562BE

9D75BE

A688BE

AE9BBE

B7AEBE

# Harmonies

## Analogous

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



004DE7



6A03BE



B50079

# Triad

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



6A03BE



7D3500



00636C

# Complementary

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



6A03BE



57BE03

# 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.



006117



6A03BE



3B5200

# Square

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



6A03BE



AC0000



005D00



0065B5

# Rectangle

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



6A03BE



C30046



005D00



006251



# Sweetspot

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



6A03BE



D6ADF7



0357BE



69507D



FCFCFC



7D7D7D



# Same Dimension

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



6A03BE



8800F7



BE03B5



5A555E



57009E



11001F



# Inverse Universe

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



BE0357



F7006F



03BE0C



5E5559



9E0047



1F000E



# Previews

## White Background



This preview shows how the Hex color 6A03BE looks on a white background.

## Color Contrast Check

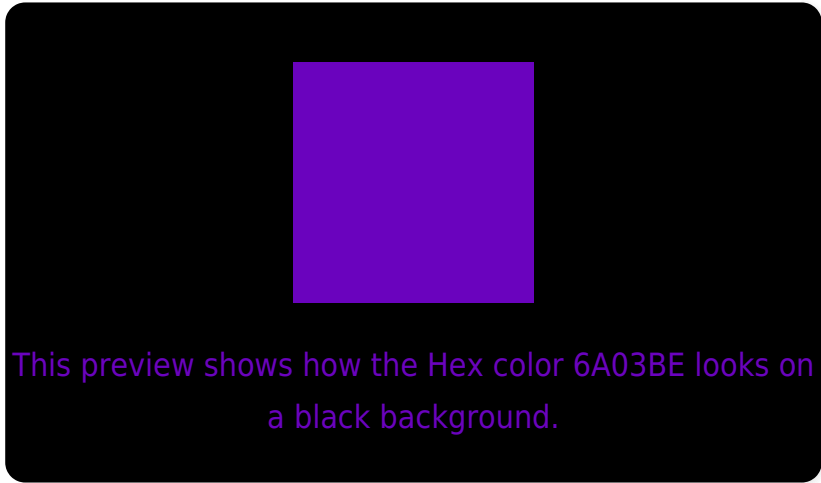
Large Text (above 18pt) WCAG AA ✓ Pass

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

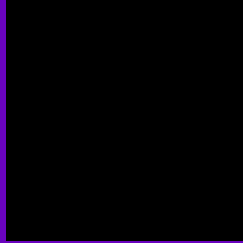
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A03BE Background



This preview shows how black text looks on a background with the Hex color 6A03BE.



This preview shows how white text looks on a background with the Hex color 6A03BE.

# 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



**Original Color**  
6A03BE

**Protanopia**  
004A9B

**Deuteranopia**  
004E85



**Tritanopia**  
504A50

# Trichromacy



**Original Color**  
6A03BE



**Protanomaly**  
2730A8



**Deuteranomaly**  
27339A



**Tritanomaly**  
593078

# Monochromacy



**Original Color**  
6A03BE



**Achromatopsia**  
373737



**Achromatomaly**  
4A2468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A03BE 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 #6A03BE looks like.

```
.text, #text, p{  
    color:#6A03BE  
}
```

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 #6A03BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A03BE
}
```

## Border

The CSS property to change the border of an element to Hex 6A03BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

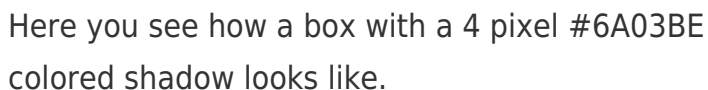
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A03BE }
```

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

```
.border{ border-color:#6A03BE }
```

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



Here you see how a box with a 4 pixel #6A03BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A03BE; -webkit-box-shadow:4px 4px  
4px 4px #6A03BE; box-shadow:4px 4px 4px  
4px #6A03BE }
```

# Background

The CSS property to change the background color of an element to Hex 6A03BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A03BE }
```

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

```
.background{ background-color:#6A03BE }
```

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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