

Converting Colors

Hex(6400A3)

Have a look what the booklet for
Hex(6400A3) contains.

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Color

Hex(6400A3)

Conversions

Conversions Part 1

Format	Color
Hex	6400A3
RGB	100, 0, 163
RGB Percent	39%, 0%, 64%
CMY	0.6078, 1.0000, 0.3608
CMYK	0.39, 1.00, 0.00, 0.36
HSL	277°, 100%, 32%
HSV	277°, 100%, 64%
XYZ	11.8664, 5.3537, 35.0583
YIQ	48.4820, 7.2770, 71.8930

Conversions

Conversions Part 2

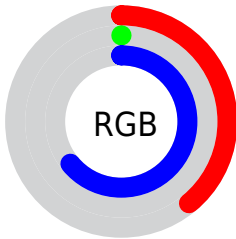
Format	Color
R _{YB}	100, 0, 163
Decimal	6553763
CIE Lab	27.72, 61.45, -61.70
CIE LCh	28, 87.083, 314.884
Yxy	5.3537, 0.2270, 0.1024
Android (android.graphics.Color)	4284743843 (0xFF6400A3)
YUV	48.4820, 56.4574, 45.1813
Hunter-Lab	23.1380, 51.0528, -73.6385

Details

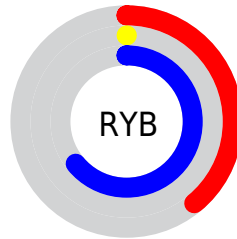
The Hex color **6400A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3FA300**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9D45DB**, and **28006E** is the 20% darker color. If you saturate the color by 10%, you get **6400A3**, and if you desaturate by 10%, it is **6A10A3**.

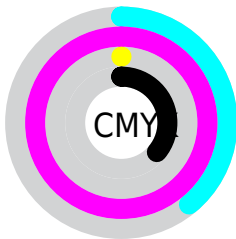
Distribution



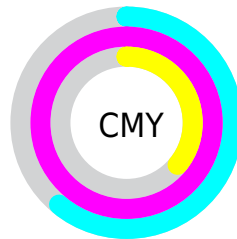
- Red (39%)
- Green (0%)
- Blue (64%)



- Red (39%)
- Yellow (0%)
- Blue (64%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6400A3 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 6400A3 by changing the saturation by 10% instead.

 6400A3

 6400A3

FFFFFF

 470088

 9D45DB

 28006E

 BA60F8

 030055

 D87BFF

 00003C

 F697FF

 000226

 FF33FF

 00010E

 FFD0FF

 000000

 FFEDFF

 6400A3

 6A10A3

 7121A3

 7731A3

 7D41A3

 8452A3

 8A62A3

 9072A3

 9682A3

 9D93A3

Harmonies

Analogous

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



0042C8



6400A3



A00066

Triad

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



6400A3



6C3100



005863

Complementary

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



6400A3



3FA300

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.



00561A



6400A3



314900

Square

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



6400A3



960000



005200



0059A1

Rectangle

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



6400A3



AC003B



005200



00574B

Sweetspot

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



6400A3



BB94D4



0041A3



5C456B



EBEBEB



6B6B6B

Same Dimension

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



6400A3



8200D4



A30093



4E4952



590091



0B0012

Inverse Universe

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



A3003F



D40052



00A310



52494D



910038



120007

Previews

White Background



This preview shows how the Hex color 6400A3 looks on a white background.

Color Contrast Check

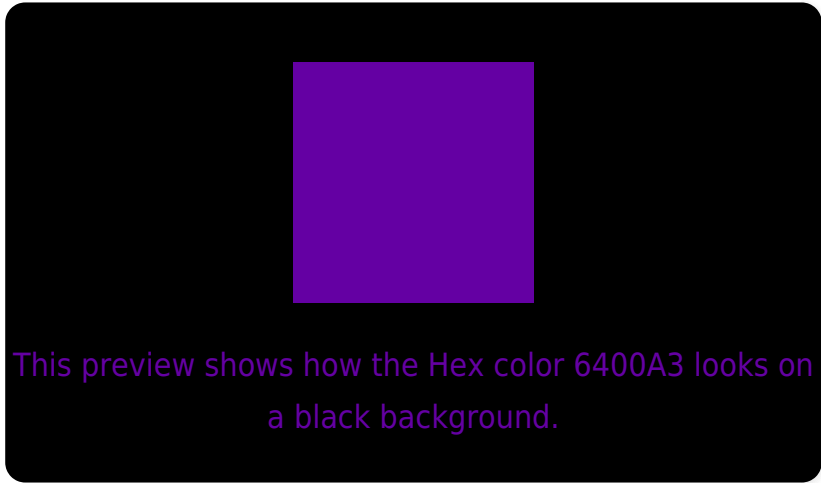
Large Text (above 18pt) WCAG AA ✓ Pass

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

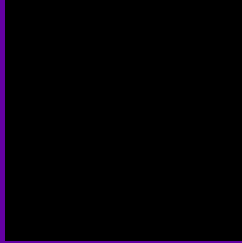
Any Text WCAG AA × Fail

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 6400A3 Background



This preview shows how black text looks on a background with the Hex color 6400A3.

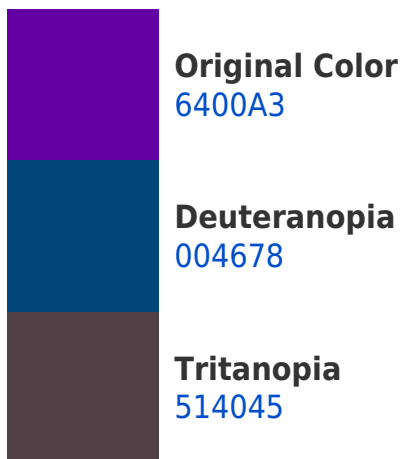


This preview shows how white text looks on a background with the Hex color 6400A3.

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



Trichromacy

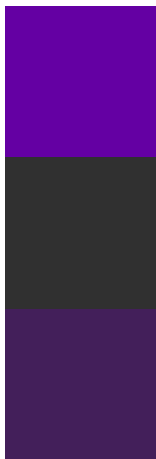


Original Color
6400A3

Deuteranomaly
242D88

Tritanomaly
582967

Monochromacy



Original Color
6400A3

Achromatopsia
303030

Achromatomaly
431F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6400A3 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 #6400A3 looks like.

```
.text, #text, p{  
    color:#6400A3  
}
```

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 #6400A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6400A3
}
```

Border

The CSS property to change the border of an element to Hex 6400A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

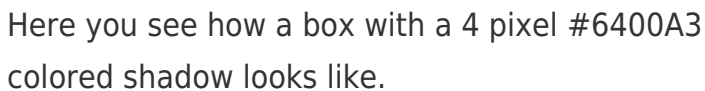
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6400A3 }
```

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

```
.border{ border-color:#6400A3 }
```

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



Here you see how a box with a 4 pixel #6400A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6400A3; -webkit-box-shadow:4px 4px  
4px 4px #6400A3; box-shadow:4px 4px 4px  
4px #6400A3 }
```

Background

The CSS property to change the background color of an element to Hex 6400A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6400A3 }
```

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

```
.background{ background-color:#6400A3 }
```

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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