

# Converting Colors

Hex(6413A0)

Have a look what the booklet for  
Hex(6413A0) contains.

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**Color**

**Hex(6413A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6413A0
RGB	100, 19, 160
RGB Percent	39%, 7%, 63%
CMY	0.6078, 0.9255, 0.3725
CMYK	0.38, 0.88, 0.00, 0.37
HSL	274°, 79%, 35%
HSV	274°, 88%, 63%
XYZ	11.8336, 5.7131, 33.7368
YIQ	59.2930, 3.0150, 61.0230

# Conversions

## Conversions Part 2

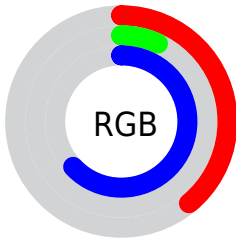
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 19, 160
Decimal	6558624
CIE <sub>Lab</sub>	28.68, 57.09, -58.31
CIE <sub>LCh</sub>	29, 81.605, 314.399
Yxy	5.7131, 0.2307, 0.1114
Android (android.graphics.Color)	4284748704 (0xFF6413A0)
YUV	59.2930, 49.6486, 35.7000
Hunter-Lab	23.9022, 46.5436, -66.9535

# Details

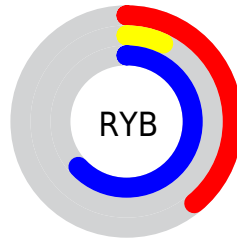
The Hex color **6413A0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4FA013**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9D4DD8**, and **2A006B** is the 20% darker color. If you saturate the color by 10%, you get **5D03A0**, and if you desaturate by 10%, it is **6B23A0**.

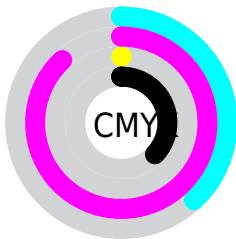
# Distribution



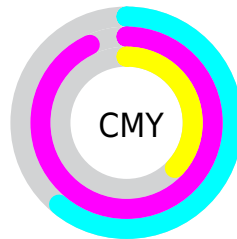
- Red (39%)
- Green (7%)
- Blue (63%)



- Red (39%)
- Yellow (7%)
- Blue (63%)



- Cyan (38%)
- Magenta (88%)
- Yellow (0%)
- Black (37%)



- Cyan (61%)
- Magenta (93%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6413A0 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 6413A0 by changing the saturation by 10% instead.





6413A0



6413A0

FFFFFF



480085



9D4DD8



2A006B



B967F5



0B0052



D782FF



00003A



F49EFF



000223



FFB9FF



00000A



FFD6FF



000000



FFF3FF



6413A0



6413A0

■ 5D03A0

■ 6B23A0

■ 5C00A0

■ 7233A0

■ 7843A0

■ 7F53A0

■ 8663A0

■ 8D73A0

■ 9483A0

■ 9A93A0

■ A1A3A0

# Harmonies

## Analogous

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



0044C2



6413A0



9D0067

# Triad

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



6413A0



6E3400



005A62

# Complementary

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



6413A0



4FA013

# 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.



00581E



6413A0



374B00

# Square

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



6413A0



950000



005400



005A9D

# Rectangle

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



6413A0



A9003E



005400



00594C



# Sweetspot

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



6413A0



BA9BD1



1350A0



5B4869



E8E8E8



696969



# Same Dimension

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



6413A0



7800D1



A01397



4C474F



52008F



09000F



# Inverse Universe

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



A0134F



D10059



13A01C



4F474B



8F003D

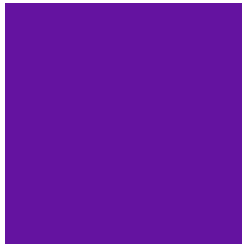


0F0007



# Previews

## White Background



This preview shows how the Hex color 6413A0 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

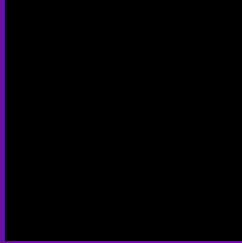
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6413A0 Background



This preview shows how black text looks on a background with the Hex color 6413A0.



This preview shows how white text looks on a background with the Hex color 6413A0.

# 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**  
6413A0

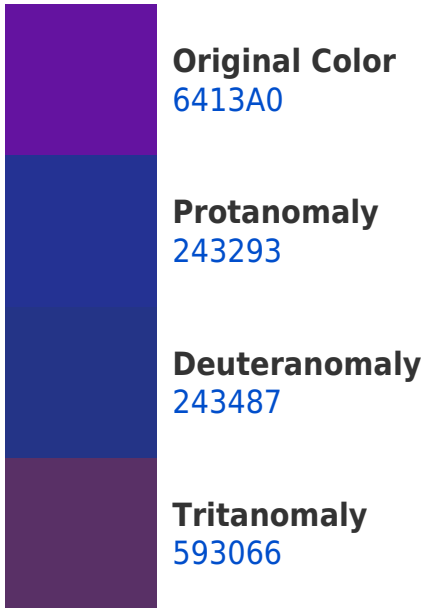
**Protanopia**  
00438C

**Deuteranopia**  
004779

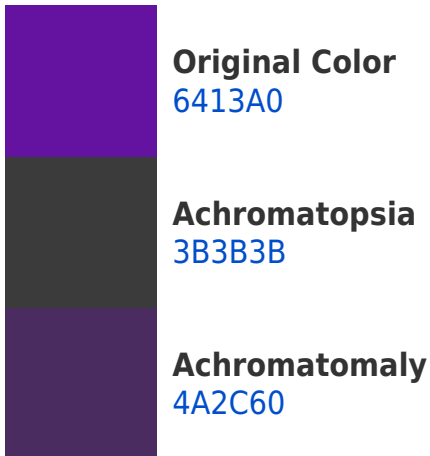


**Tritanopia**  
524045

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6413A0 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 #6413A0 looks like.

```
.text, #text, p{  
    color:#6413A0  
}
```

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 #6413A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6413A0
}
```

## Border

The CSS property to change the border of an element to Hex 6413A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

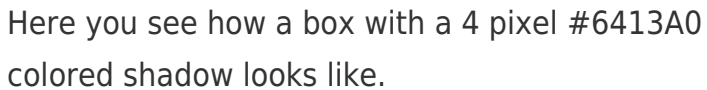
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6413A0 }
```

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

```
.border{ border-color:#6413A0 }
```

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



Here you see how a box with a 4 pixel #6413A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6413A0; -webkit-box-shadow:4px 4px  
4px 4px #6413A0; box-shadow:4px 4px 4px  
4px #6413A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6413A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6413A0 }
```

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

```
.background{ background-color:#6413A0 }
```

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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