

Converting Colors

Hex(6421A2)

Have a look what the booklet for
Hex(6421A2) contains.

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Color

Hex(6421A2)

Conversions

Conversions Part 1

Format	Color
Hex	6421A2
RGB	100, 33, 162
RGB Percent	39%, 13%, 64%
CMY	0.6078, 0.8706, 0.3647
CMYK	0.38, 0.80, 0.00, 0.36
HSL	271°, 66%, 38%
HSV	271°, 80%, 64%
XYZ	12.3210, 6.4057, 34.7694
YIQ	67.7390, -1.4770, 54.3230

Conversions

Conversions Part 2

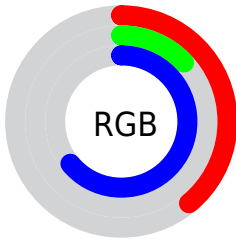
Format	Color
R_{YB}	100, 33, 162
Decimal	6562210
CIE _{Lab}	30.41, 52.99, -56.68
CIE _{LCh}	30, 77.592, 313.074
Yxy	6.4057, 0.2303, 0.1197
Android (android.graphics.Color)	4284752290 (0xFF6421A2)
YUV	67.7390, 46.4707, 28.2929
Hunter-Lab	25.3094, 42.6047, -63.7345

Details

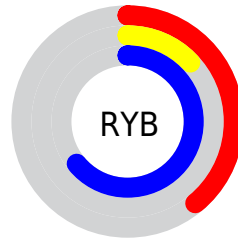
The Hex color **6421A2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5FA221**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9C56DA**, and **2B006D** is the 20% darker color. If you saturate the color by 10%, you get **5C11A2**, and if you desaturate by 10%, it is **6C31A2**.

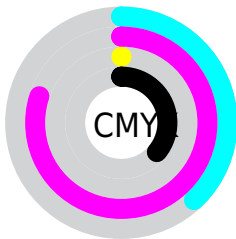
Distribution



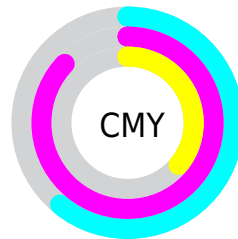
- Red (39%)
- Green (13%)
- Blue (64%)



- Red (39%)
- Yellow (13%)
- Blue (64%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (87%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6421A2 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 6421A2 by changing the saturation by 10% instead.

6421A2

6421A2

FFFFFF

480087

9C56DA

2B006D

B970F7

0E0054

D68BFF

00003C

F4A6FF

000225

FFC2FF

00010D

FFDFFF

000000

FFFCFF

6421A2

6421A2

■ 5C11A2

■ 6C31A2

■ 5401A2

■ 7441A2

■ 5400A2

■ 7B52A2

■ 8362A2

■ 8B72A2

■ 9382A2

■ 9B92A2

■ A2A3A2

■ AAB3A2

Harmonies

Analogous

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



0048C1



6421A2



9D006C

Triad

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



6421A2



743700



005E62

Complementary

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



6421A2



5FA221

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.



005C21



6421A2



404E00

Square

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



6421A2



990000



005800



005E9B

Rectangle

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



6421A2



A90045



005800



005D4D

Sweetspot

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



6421A2



BBA1D4



215FA2



5C4C6B



EBEBEB



6B6B6B

Same Dimension

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



6421A2



7208D4



A221A0



4E4952



4B0091



090012

Inverse Universe

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



A2215F



D4086A



21A223



52494D



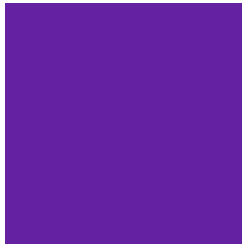
910046



120009

Previews

White Background



This preview shows how the Hex color 6421A2 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

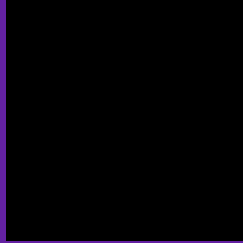
Any Text WCAG AA × Fail

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 6421A2 Background



This preview shows how black text looks on a background with the Hex color 6421A2.

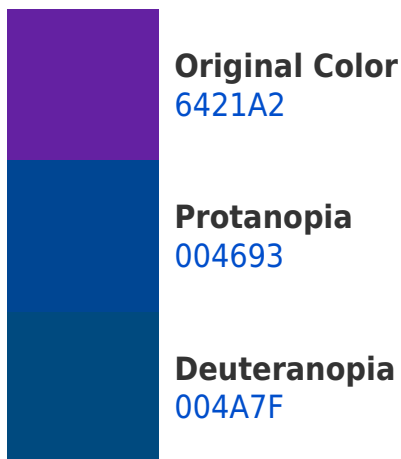



This preview shows how white text looks on a background with the Hex color 6421A2.

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](#).

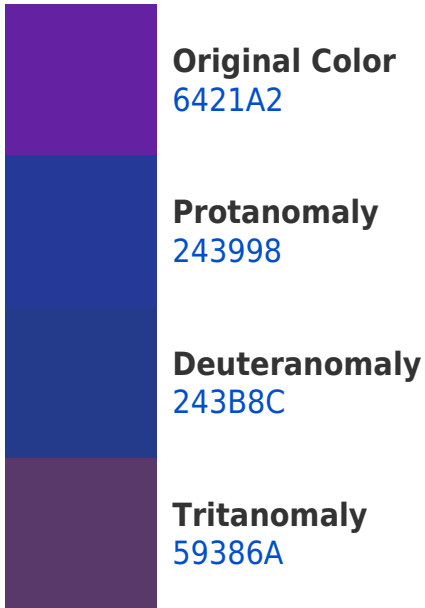
Dichromacy



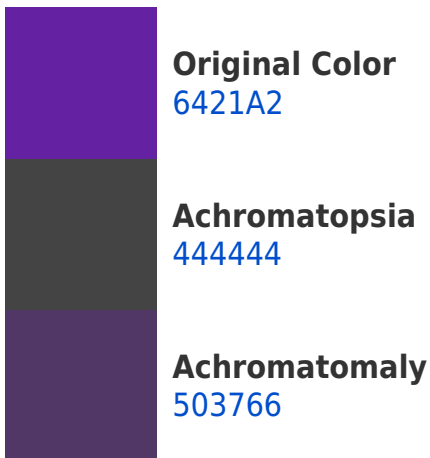


Tritanopia
52454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6421A2 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 #6421A2 looks like.

```
.text, #text, p{  
    color:#6421A2  
}
```

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 #6421A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6421A2
}
```

Border

The CSS property to change the border of an element to Hex 6421A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

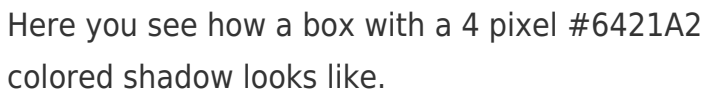
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6421A2 }
```

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

```
.border{ border-color:#6421A2 }
```

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



Here you see how a box with a 4 pixel #6421A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6421A2; -webkit-box-shadow:4px 4px  
4px 4px #6421A2; box-shadow:4px 4px 4px  
4px #6421A2 }
```

Background

The CSS property to change the background color of an element to Hex 6421A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6421A2 }
```

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

```
.background{ background-color:#6421A2 }
```

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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