

Converting Colors

Hex(6412B6)

Have a look what the booklet for
Hex(6412B6) contains.

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Color

Hex(6412B6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6412B6 |
| RGB | 100, 18, 182 |
| RGB Percent | 39%, 7%, 71% |
| CMY | 0.6078, 0.9294, 0.2863 |
| CMYK | 0.45, 0.90, 0.00, 0.29 |
| HSL | 270°, 82%, 39% |
| HSV | 270°, 90%, 71% |
| XYZ | 13.9153, 6.5193, 44.7809 |
| YIQ | 61.2140, -3.7720, 68.3880 |

Conversions

Conversions Part 2

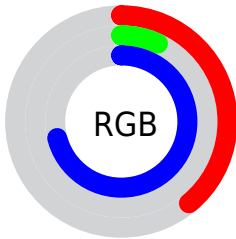
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 100, 18, 182 |
| Decimal | 6558390 |
| CIE Lab | 30.69, 62.29, -68.24 |
| CIE LCh | 31, 92.393, 312.390 |
| Yxy | 6.5193, 0.2134, 0.1000 |
| Android (android.graphics.Color) | 4284748470 (0xFF6412B6) |
| YUV | 61.2140, 59.5475, 34.0153 |
| Hunter-Lab | 25.5330, 52.5987, -86.1124 |

Details

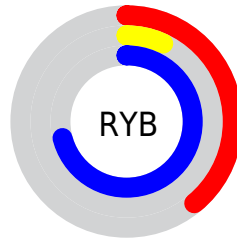
The Hex color **6412B6** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **64B612**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9F4EEF**, and **240080** is the 20% darker color. If you saturate the color by 10%, you get **5B00B6**, and if you desaturate by 10%, it is **6D24B6**.

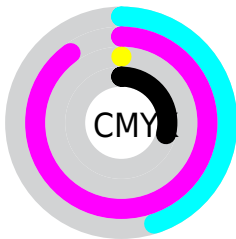
Distribution



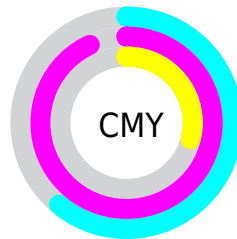
- Red (39%)
- Green (7%)
- Blue (71%)



- Red (39%)
- Yellow (7%)
- Blue (71%)



- Cyan (45%)
- Magenta (90%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6412B6 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 6412B6 by changing the saturation by 10% instead.

6412B6

6412B6

FFFFFF

46009A

9F4EEF

240080

BC69FF

000066

DA84FF

00004D

F8A0FF

000535

FFBCFF

00021F

FFD8FF

000001

FFF6FF

000000

6412B6

6412B6

■ 5B00B6

■ 6D24B6

■ 7636B6

■ 7F49B6

■ 885BB6

■ 926DB6

■ 9B7FB6

■ A491B6

■ ADA4B6

■ B6B6B6

Harmonies

Analogous

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



004BDB



6412B6



AB0076

Triad

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



6412B6



7B3300



006066

Complementary

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



6412B6



64B612

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.



005E16



6412B6



3D4F00

Square

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



6412B6



A60000



005A00



0062AB

Rectangle

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



6412B6



BA0047



005A00



00604D

Sweetspot

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



6412B6



CDADED



1264B6



655178



F7F7F7



787878

Same Dimension

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



6412B6



7700ED



B612B6



57535C



4E009C



0E001C

Inverse Universe

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



B61264



ED0077



12B612



5C5357



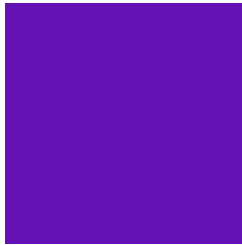
9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 6412B6 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

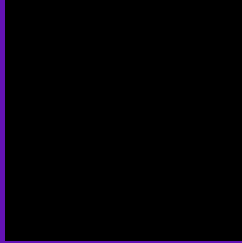
Any Text WCAG AA × Fail

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 6412B6 Background



This preview shows how black text looks on a background with the Hex color 6412B6.

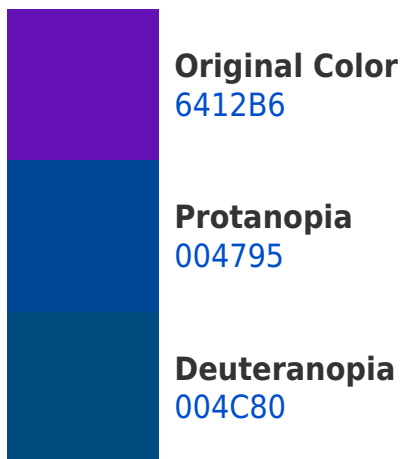


This preview shows how white text looks on a background with the Hex color 6412B6.

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
4B484E

Trichromacy



Original Color
6412B6



Protanomaly
2434A1



Deuteranomaly
243794



Tritanomaly
543474

Monochromacy



Original Color
6412B6



Achromatopsia
3D3D3D



Achromatomaly
4B2D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 6412B6 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 #6412B6 looks like.

```
.text, #text, p{  
    color:#6412B6  
}
```

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 #6412B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6412B6
}
```

Border

The CSS property to change the border of an element to Hex 6412B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

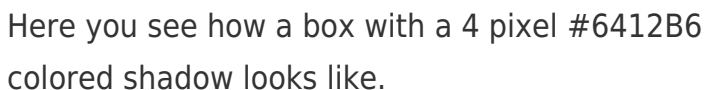
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6412B6 }
```

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

```
.border{ border-color:#6412B6 }
```

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



Here you see how a box with a 4 pixel #6412B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6412B6; -webkit-box-shadow:4px 4px  
4px 4px #6412B6; box-shadow:4px 4px 4px  
4px #6412B6 }
```

Background

The CSS property to change the background color of an element to Hex 6412B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6412B6 }
```

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

```
.background{ background-color:#6412B6 }
```

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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