

Converting Colors

Hex(6441C7)

Have a look what the booklet for
Hex(6441C7) contains.

Hex(6441C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6441C7)

Conversions

Conversions Part 1

Format	Color
Hex	6441C7
RGB	100, 65, 199
RGB Percent	39%, 25%, 78%
CMY	0.6078, 0.7451, 0.2196
CMYK	0.50, 0.67, 0.00, 0.22
HSL	256°, 54%, 52%
HSV	256°, 67%, 78%
XYZ	17.4546, 10.6134, 55.1615
YIQ	90.7410, -22.1540, 49.0940

Conversions

Conversions Part 2

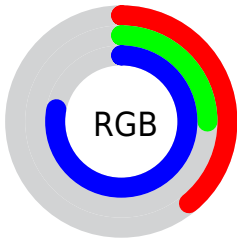
Format	Color
R _Y B	100, 65, 199
Decimal	6570439
CIE Lab	38.92, 47.47, -64.74
CIE LCh	39, 80.283, 306.249
Yxy	10.6134, 0.2097, 0.1275
Android (android.graphics.Color)	4284760519 (0xFF6441C7)
YUV	90.7410, 53.3717, 8.1201
Hunter-Lab	32.5783, 38.6239, -77.5849

Details

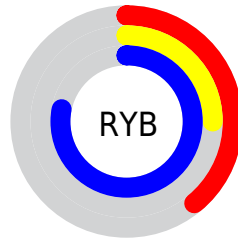
The Hex color **6441C7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A4C741**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9E73FF**, and **231090** is the 20% darker color. If you saturate the color by 10%, you get **552DC7**, and if you desaturate by 10%, it is **7355C7**.

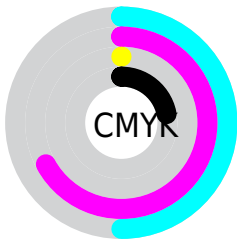
Distribution



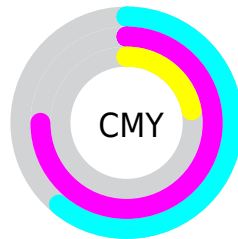
- Red (39%)
- Green (25%)
- Blue (78%)



- Red (39%)
- Yellow (25%)
- Blue (78%)



- Cyan (50%)
- Magenta (67%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (75%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6441C7 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 6441C7 by changing the saturation by 10% instead.

■ 6441C7

■ 6441C7

FFFFFF

■ 4629AB

■ 9E73FF

■ 231090

■ BC8DFF

■ 000075

■ D9A8FF

■ 00005C

■ F7C4FF

■ 000743

■ FFE0FF

■ 00032C

■ FFFDFF

■ 000116

■ 000000

■ 6441C7

■ 6441C7

■ 552DC7

■ 7355C7

■ 4719C7

■ 8169C7

■ 3805C7

■ 907DC7

■ 3400C7

■ 9F91C7

■ AEA5C7

■ BCB8C7

■ CBCCC7

■ DAE0C7

■ E8F4C7

Harmonies

Analogous

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



0061E0



6441C7



B00092

Triad

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



6441C7



994300



007568

Complementary

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



6441C7



A4C741

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.



007221



6441C7



655E00

Square

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



6441C7



BC0010



0A6C00



0075A8

Rectangle

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



6441C7



C40067



0A6C00



007451

Sweetspot

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



6441C7



D9CCFF



41A6C7



696180



000000



808080

Same Dimension

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



6441C7



6630FF



A641C7



5C5A63



2B00A3



090024

Inverse Universe

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



C741A4



FF30C9



63C741



635A61



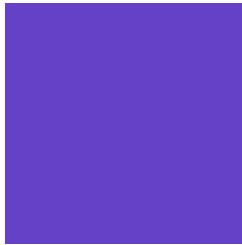
A30079



24001A

Previews

White Background



This preview shows how the Hex color 6441C7 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

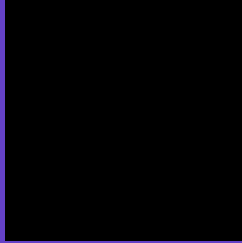
Any Text WCAG AA × Fail

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 6441C7 Background



This preview shows how black text looks on a background with the Hex color 6441C7.

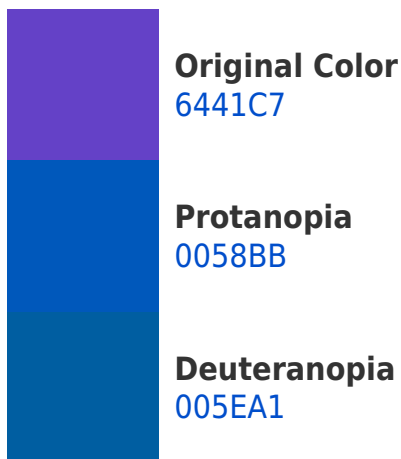


This preview shows how white text looks on a background with the Hex color 6441C7.

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
485F67

Trichromacy



Original Color
6441C7



Protanomaly
2450BF



Deuteranomaly
2453AF



Tritanomaly
52548A

Monochromacy



Original Color
6441C7



Achromatopsia
5B5B5B



Achromatomaly
5E5282

CSS Examples

Text

The CSS property to change the color of the text to Hex 6441C7 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 #6441C7 looks like.

```
.text, #text, p{  
    color:#6441C7  
}
```

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 #6441C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6441C7
}
```

Border

The CSS property to change the border of an element to Hex 6441C7 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".

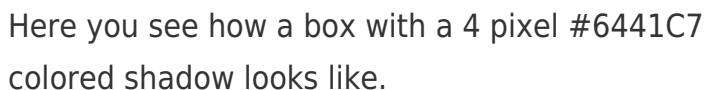
```
.border, #border, table{ border:4px solid
#6441C7 }
```

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

```
.border{ border-color:#6441C7 }
```

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

Here you see how a box with a 4 pixel #6441C7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6441C7; -webkit-box-shadow:4px 4px  
4px 4px #6441C7; box-shadow:4px 4px 4px  
4px #6441C7 }
```

Background

The CSS property to change the background color of an element to Hex 6441C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6441C7 }
```

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

```
.background{ background-color:#6441C7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor