

Converting Colors

Hex(6417B5)

Have a look what the booklet for
Hex(6417B5) contains.

Hex(6417B5)	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(6417B5)

Conversions

Conversions Part 1

Format	Color
Hex	6417B5
RGB	100, 23, 181
RGB Percent	39%, 9%, 71%
CMY	0.6078, 0.9098, 0.2902
CMYK	0.45, 0.87, 0.00, 0.29
HSL	269°, 77%, 40%
HSV	269°, 87%, 71%
XYZ	13.9024, 6.6583, 44.2685
YIQ	64.0350, -4.8260, 65.4620

Conversions

Conversions Part 2

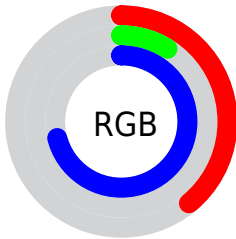
Format	Color
R_{YB}	100, 23, 181
Decimal	6559669
CIE _{Lab}	31.02, 60.79, -67.10
CIE _{LCh}	31, 90.542, 312.174
Yxy	6.6583, 0.2144, 0.1027
Android (android.graphics.Color)	4284749749 (0xFF6417B5)
YUV	64.0350, 57.6637, 31.5413
Hunter-Lab	25.8037, 51.0150, -83.6546

Details

The Hex color **6417B5** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **68B517**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9E50EE**, and **25007F** is the 20% darker color. If you saturate the color by 10%, you get **5B05B5**, and if you desaturate by 10%, it is **6D29B5**.

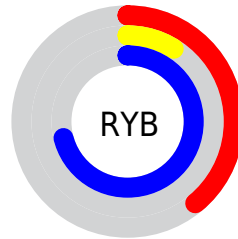
Distribution



Red (39%)

Green (9%)

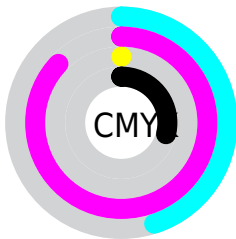
Blue (71%)



Red (39%)

Yellow (9%)

Blue (71%)

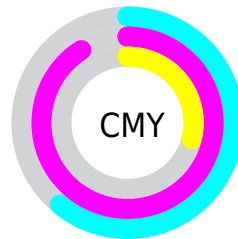


Cyan (45%)

Magenta (87%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (91%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6417B5 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 6417B5 by changing the saturation by 10% instead.

6417B5

6417B5

FFFFFF

460099

9E50EE

25007F

BC6BFF

000065

D986FF

00004C

F8A2FF

000434

FFBEFF

00021E

FFDBFF

000000

FFF8FF

6417B5

6417B5

■ 5B05B5

■ 6D29B5

■ 5800B5

■ 773BB5

■ 804DB5

■ 895FB5

■ 9272B5

■ 9C84B5

■ A596B5

■ AEA8B5

■ B8BAB5

Harmonies

Analogous

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



004CD9



6417B5



AA0076

Triad

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



6417B5



7B3400



006166

Complementary

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



6417B5



68B517

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.



005F18



6417B5



3F5000

Square

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



6417B5



A60000



005B00



0062A9

Rectangle

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



6417B5



B90048



005B00



00604D

Sweetspot

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



6417B5



CBAEEB



1769B5



635175



F5F5F5



757575

Same Dimension

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



6417B5



7200EB



B217B5



555059



4B0099



0C001A

Inverse Universe

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



B51768



EB0078



1AB517



595055



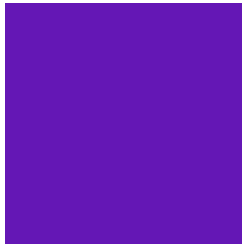
99004E



1A000D

Previews

White Background



This preview shows how the Hex color 6417B5 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

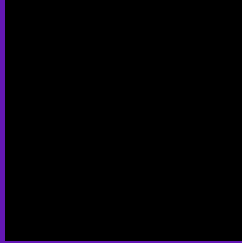
Any Text WCAG AA × Fail

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 6417B5 Background



This preview shows how black text looks on a background with the Hex color 6417B5.



This preview shows how white text looks on a background with the Hex color 6417B5.

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
6417B5

Protanopia
004896

Deuteranopia
004C81



Tritanopia
4B494F

Trichromacy



Original Color
6417B5



Protanomaly
2436A1



Deuteranomaly
243994



Tritanomaly
543774

Monochromacy



Original Color
6417B5



Achromatopsia
404040



Achromatomaly
4D316B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6417B5 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 #6417B5 looks like.

```
.text, #text, p{  
    color:#6417B5  
}
```

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 #6417B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6417B5
}
```

Border

The CSS property to change the border of an element to Hex 6417B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

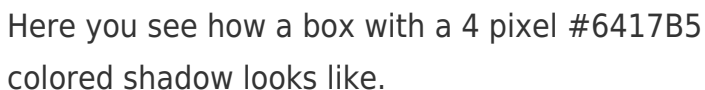
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6417B5 }
```

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

```
.border{ border-color:#6417B5 }
```

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



Here you see how a box with a 4 pixel #6417B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6417B5; -webkit-box-shadow:4px 4px  
4px 4px #6417B5; box-shadow:4px 4px 4px  
4px #6417B5 }
```

Background

The CSS property to change the background color of an element to Hex 6417B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6417B5 }
```

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

```
.background{ background-color:#6417B5 }
```

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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