

Converting Colors

Hex(64397B)

Have a look what the booklet for
Hex(64397B) contains.

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Color

Hex(64397B)

Conversions

Conversions Part 1

Format	Color
Hex	64397B
RGB	100, 57, 123
RGB Percent	39%, 22%, 48%
CMY	0.6078, 0.7765, 0.5176
CMYK	0.19, 0.54, 0.00, 0.52
HSL	279°, 37%, 35%
HSV	279°, 54%, 48%
XYZ	10.2938, 7.0656, 19.5602
YIQ	77.3810, 4.4420, 29.6420

Conversions

Conversions Part 2

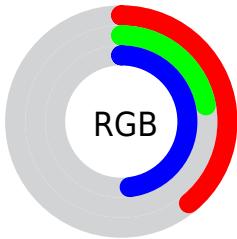
Format	Color
R_{YB}	100, 57, 123
Decimal	6568315
CIE _{Lab}	31.96, 31.63, -30.17
CIE _{LCh}	32, 43.706, 316.352
Yxy	7.0656, 0.2788, 0.1914
Android (android.graphics.Color)	4284758395 (0xFF64397B)
YUV	77.3810, 22.4902, 19.8369
Hunter-Lab	26.5813, 22.6083, -25.0224

Details

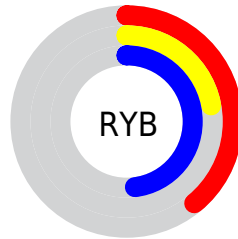
The Hex color **64397B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **507B39**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **986AB0**, and **330A4A** is the 20% darker color. If you saturate the color by 10%, you get **602D7B**, and if you desaturate by 10%, it is **68457B**.

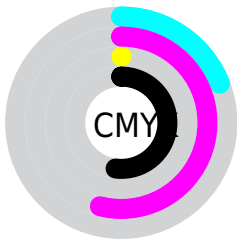
Distribution



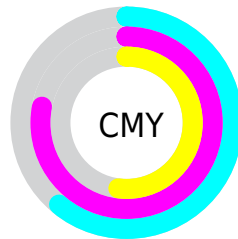
- Red (39%)
- Green (22%)
- Blue (48%)



- Red (39%)
- Yellow (22%)
- Blue (48%)



- Cyan (19%)
- Magenta (54%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (78%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64397B 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 64397B by changing the saturation by 10% instead.

64397B

64397B

FFFFFF

4B2262

986AB0

330A4A

B483CB

1E0033

D09EE8

00021D

ECB9FF

000000

FFD5FF

FFF2FF

64397B

64397B

602D7B

68457B

■ 5B207B

■ 6D527B

■ 57147B

■ 715E7B

■ 53087B

■ 756A7B

■ 50007B

■ 79777B

■ 7E837B

■ 828F7B

■ 869B7B

■ 8BA87B

Harmonies

Analogous

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



25498E



64397B



812A5C

Triad

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



64397B



684400



005B5E

Complementary

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



64397B



507B39

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.



005A3A



64397B



4A4F00

Square

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



64397B



7E351A



1F5617



00597C

Rectangle

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



64397B



882745



1F5617



005B52

Sweetspot

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



64397B



9887A1



39507B



4C4252



D1D1D1



525252

Same Dimension

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



64397B



7D3AA1



7B3971



3B373D



51007D



A400FC

Inverse Universe

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



7B3950



A13A5E



397B43



3D3739



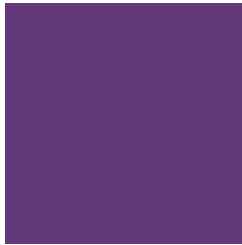
7D002C



FC0058

Previews

White Background



This preview shows how the Hex color 64397B looks on a white background.

Color Contrast Check

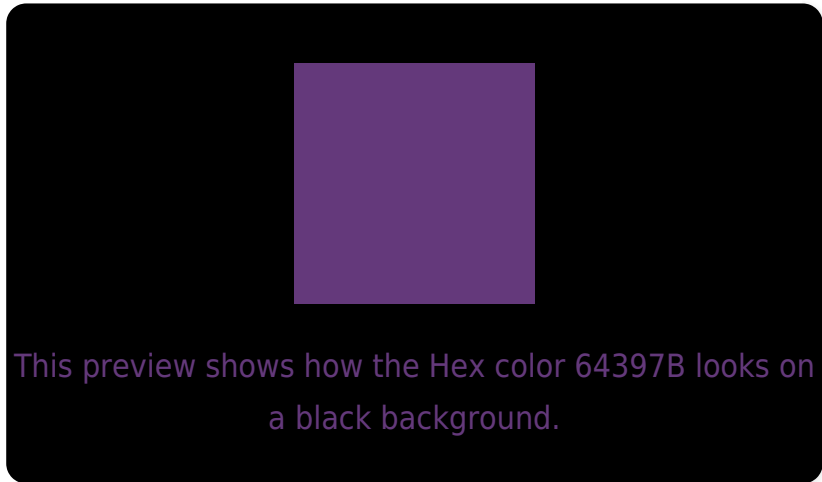
Large Text (above 18pt) WCAG AA ✓ Pass

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

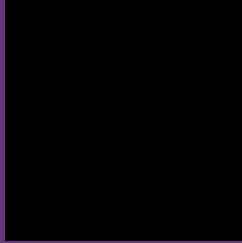
Any Text WCAG AA × Fail

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 64397B Background



This preview shows how black text looks on a background with the Hex color 64397B.




This preview shows how white text looks on a background with the Hex color 64397B.

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
5C454B

Trichromacy



Original Color
64397B

Protanomaly
404385

Deuteranomaly
454578

Tritanomaly
5F415C

Monochromacy



Original Color
64397B

Achromatopsia
4D4D4D

Achromatomaly
55465E

CSS Examples

Text

The CSS property to change the color of the text to Hex 64397B 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 #64397B looks like.

```
.text, #text, p{  
    color:#64397B  
}
```

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 #64397B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64397B
}
```

Border

The CSS property to change the border of an element to Hex 64397B is called "border". The border property can be set on classes, ids or directly on the HTML element.

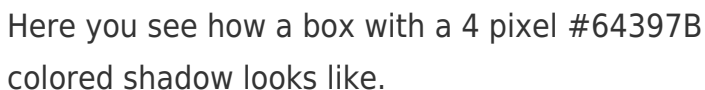
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64397B }
```

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

```
.border{ border-color:#64397B }
```

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



Here you see how a box with a 4 pixel #64397B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64397B; -webkit-box-shadow:4px 4px  
4px 4px #64397B; box-shadow:4px 4px 4px  
4px #64397B }
```

Background

The CSS property to change the background color of an element to Hex 64397B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64397B }
```

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

```
.background{ background-color:#64397B }
```

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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