

Converting Colors

Hex(64407C)

Have a look what the booklet for
Hex(64407C) contains.

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Color

Hex(64407C)

Conversions

Conversions Part 1

Format	Color
Hex	64407C
RGB	100, 64, 124
RGB Percent	39%, 25%, 49%
CMY	0.6078, 0.7490, 0.5137
CMYK	0.19, 0.48, 0.00, 0.51
HSL	276°, 32%, 37%
HSV	276°, 48%, 49%
XYZ	10.7270, 7.8314, 20.0150
YIQ	81.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

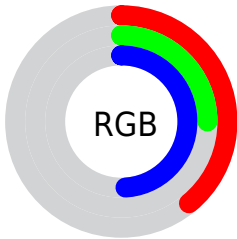
Format	Color
RYB	100, 64, 124
Decimal	6570108
CIELab	33.63, 27.71, -28.15
CIElCh	34, 39.501, 314.549
Yxy	7.8314, 0.2781, 0.2030
Android (android.graphics.Color)	4284760188 (0xFF64407C)
YUV	81.6040, 20.9012, 16.1333
Hunter-Lab	27.9846, 19.4495, -22.8160

Details

The Hex color **64407C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **587C40**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9871B1**, and **33134B** is the 20% darker color. If you saturate the color by 10%, you get **5F347C**, and if you desaturate by 10%, it is **694C7C**.

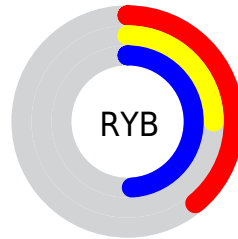
Distribution



Red (39%)

Green (25%)

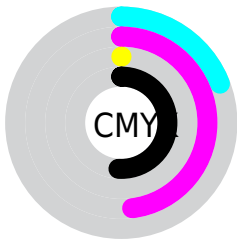
Blue (49%)



Red (39%)

Yellow (25%)

Blue (49%)

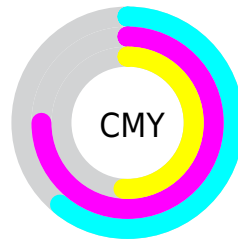


Cyan (19%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64407C 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 64407C by changing the saturation by 10% instead.

64407C

64407C

FFFFFF

4B2963

9871B1

33134B

B38BCC

1D0034

CFA5E9

00011E

ECC0FF

000000

FFDCFF

FFF9FF

64407C

64407C

5F347C

694C7C

■ 5A277C

■ 6E597C

■ 551B7C

■ 73657C

■ 500E7C

■ 78727C

■ 4B027C

■ 7D7E7C

■ 4A007C

■ 828A7C

■ 87977C

■ 8CA37C

■ 91B07C

Harmonies

Analogous

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



2E4D8C



64407C



7F3461

Triad

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



64407C



6C480E



005E5E

Complementary

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



64407C



587C40

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.



005D3D



64407C



515209

Square

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



64407C



803B24



2D591F



005C7A

Rectangle

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



64407C



87314C



2D591F



005E53

Sweetspot

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



64407C



9789A1



40587C



4C4352



D1D1D1



525252

Same Dimension

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



64407C



7B43A1



7C4076



3B373D



4B007D



9700FC

Inverse Universe

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



7C4058



A14369



407C46



3D373A



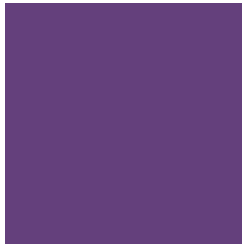
7D0032



FC0065

Previews

White Background



This preview shows how the Hex color 64407C looks on a white background.

Color Contrast Check

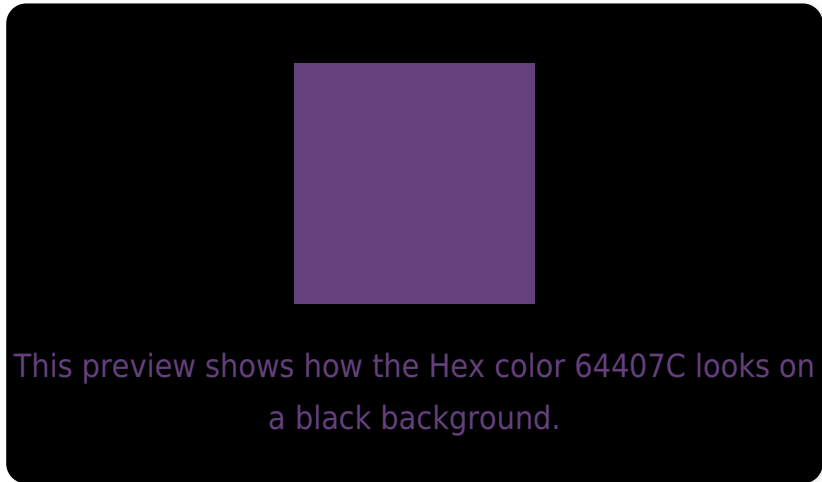
Large Text (above 18pt) WCAG AA ✓ Pass

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

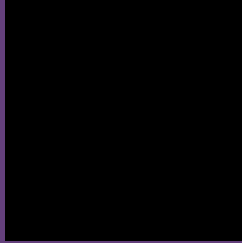
Any Text WCAG AA × Fail

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 64407C Background



This preview shows how black text looks on a background with the Hex color 64407C.



This preview shows how white text looks on a background with the Hex color 64407C.

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
5D4A50

Trichromacy



Original Color
64407C

Protanomaly
474984

Deuteranomaly
4A4A7A

Tritanomaly
604660

Monochromacy



Original Color
64407C

Achromatopsia
525252

Achromatomaly
594B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 64407C 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 #64407C looks like.

```
.text, #text, p{  
    color:#64407C  
}
```

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 #64407C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64407C
}
```

Border

The CSS property to change the border of an element to Hex 64407C is called "border". The border property can be set on classes, ids or directly on the HTML element.

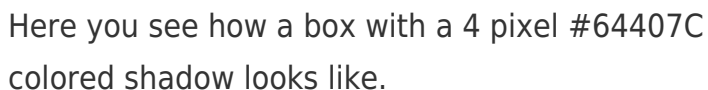
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64407C }
```

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

```
.border{ border-color:#64407C }
```

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



Here you see how a box with a 4 pixel #64407C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64407C; -webkit-box-shadow:4px 4px  
4px 4px #64407C; box-shadow:4px 4px 4px  
4px #64407C }
```

Background

The CSS property to change the background color of an element to Hex 64407C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64407C }
```

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

```
.background{ background-color:#64407C }
```

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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