

Converting Colors

Hex(664D7F)

Have a look what the booklet for
Hex(664D7F) contains.

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Color

Hex(664D7F)

Conversions

Conversions Part 1

Format	Color
Hex	664D7F
RGB	102, 77, 127
RGB Percent	40%, 30%, 50%
CMY	0.6000, 0.6980, 0.5020
CMYK	0.20, 0.39, 0.00, 0.50
HSL	270°, 25%, 40%
HSV	270°, 39%, 50%
XYZ	11.9641, 9.6648, 21.3136
YIQ	90.1750, -1.1500, 20.8500

Conversions

Conversions Part 2

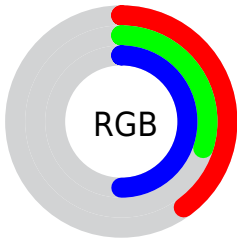
Format	Color
R _{YB}	102, 77, 127
Decimal	6704511
CIE Lab	37.23, 21.13, -24.34
CIE LCh	37, 32.231, 310.952
Yxy	9.6648, 0.2786, 0.2251
Android (android.graphics.Color)	4284894591 (0xFF664D7F)
YUV	90.1750, 18.1547, 10.3705
Hunter-Lab	31.0883, 14.2899, -18.8863

Details

The Hex color **664D7F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **667F4D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9A7EB4**, and **36204E** is the 20% darker color. If you saturate the color by 10%, you get **60407F**, and if you desaturate by 10%, it is **6C5A7F**.

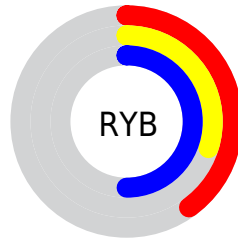
Distribution



Red (40%)

Green (30%)

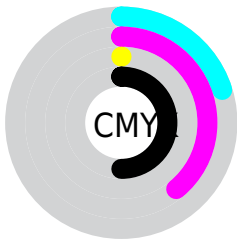
Blue (50%)



Red (40%)

Yellow (30%)

Blue (50%)

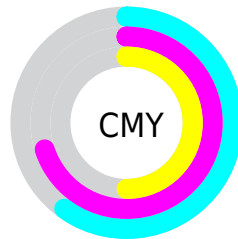


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (70%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664D7F 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 664D7F by changing the saturation by 10% instead.

664D7F

664D7F

FFFFFF

4D3666

9A7EB4

36204E

B598D0

1F0B37

D1B3EC

010021

EDCFFF

000006

FFEBFF

000000

664D7F

664D7F

60407F

6C5A7F

59347F

73667F

■ 53277F

■ 79737F

■ 4D1A7F

■ 7F807F

■ 460E7F

■ 868D7F

■ 40017F

■ 8C997F

■ 40007F

■ 92A67F

■ 99B37F

■ 9FBF7F

Harmonies

Analogous

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



3D578B



664D7F



7F4469

Triad

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



664D7F



755026



006561

Complementary

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



664D7F



667F4D

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.



186446



664D7F



5E5922

Square

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



664D7F



844737



41602F



006379

Rectangle

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



664D7F



874158



41602F



006558

Sweetspot

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



664D7F



9C92A6



4D667F



4E4854



D4D4D4



545454

Same Dimension

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



664D7F



7F58A6



7F4D7F



3D3940



400080



000000

Inverse Universe

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



7F4D66



A6587F



4D7F4D



40393D



800040



000000

Previews

White Background



This preview shows how the Hex color 664D7F looks on a white background.

Color Contrast Check

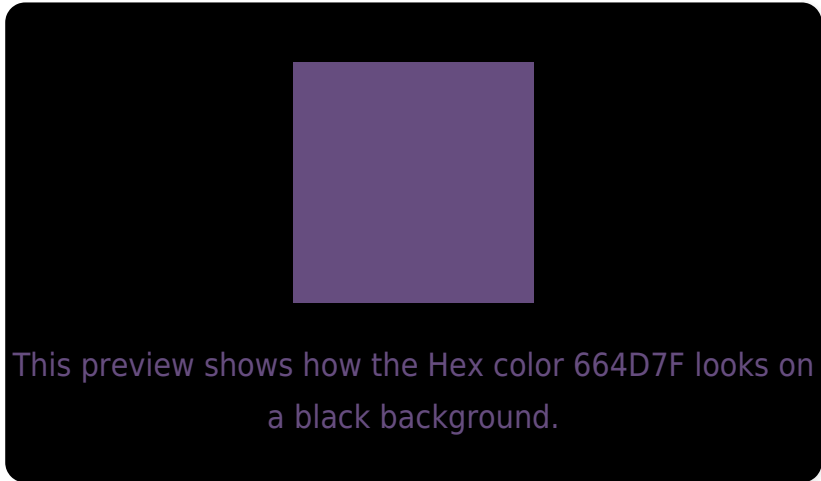
Large Text (above 18pt) WCAG AA ✓ Pass

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

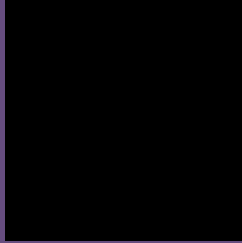
Any Text WCAG AA × Fail

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 664D7F Background



This preview shows how black text looks on a background with the Hex color 664D7F.

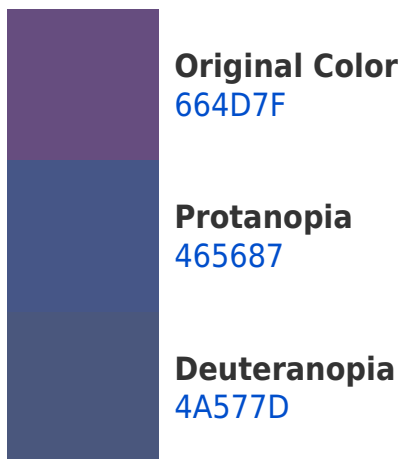


This preview shows how white text looks on a background with the Hex color 664D7F.

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
60555B

Trichromacy



Original Color
664D7F

Protanomaly
525384

Deuteranomaly
54537E

Tritanomaly
625268

Monochromacy



Original Color
664D7F

Achromatopsia
5A5A5A

Achromatomaly
5E5567

CSS Examples

Text

The CSS property to change the color of the text to Hex 664D7F 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 #664D7F looks like.

```
.text, #text, p{  
    color:#664D7F  
}
```

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 #664D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664D7F
}
```

Border

The CSS property to change the border of an element to Hex 664D7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

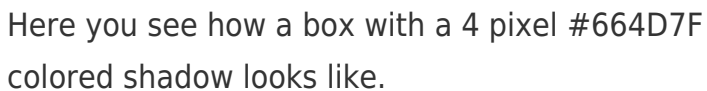
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664D7F }
```

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

```
.border{ border-color:#664D7F }
```

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



Here you see how a box with a 4 pixel #664D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664D7F; -webkit-box-shadow:4px 4px  
4px 4px #664D7F; box-shadow:4px 4px 4px  
4px #664D7F }
```

Background

The CSS property to change the background color of an element to Hex 664D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664D7F }
```

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

```
.background{ background-color:#664D7F }
```

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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