

# Converting Colors

Hex(664A81)

Have a look what the booklet for  
Hex(664A81) contains.

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# Color

**Hex(664A81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	664A81
RGB	102, 74, 129
RGB Percent	40%, 29%, 51%
CMY	0.6000, 0.7098, 0.4941
CMYK	0.21, 0.43, 0.00, 0.49
HSL	271°, 27%, 40%
HSV	271°, 43%, 51%
XYZ	11.8907, 9.3073, 21.9387
YIQ	88.6420, -0.9670, 23.0410

# Conversions

## Conversions Part 2

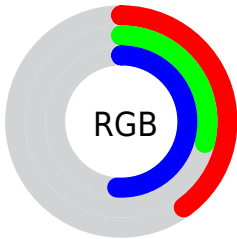
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 74, 129
Decimal	6703745
CIE <sub>Lab</sub>	36.57, 23.48, -26.61
CIE <sub>LCh</sub>	37, 35.488, 311.417
Yxy	9.3073, 0.2757, 0.2158
Android (android.graphics.Color)	4284893825 (0xFF664A81)
YUV	88.6420, 19.8965, 11.7150
Hunter-Lab	30.5079, 16.1831, -21.2807

# Details

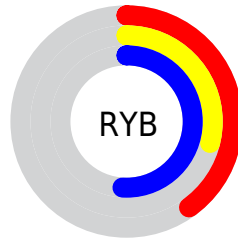
The Hex color **664A81** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65814A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9A7BB6**, and **351D4F** is the 20% darker color. If you saturate the color by 10%, you get **603D81**, and if you desaturate by 10%, it is **6C5781**.

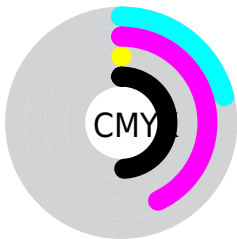
# Distribution



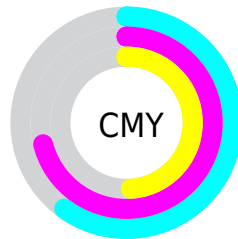
- Red (40%)
- Green (29%)
- Blue (51%)



- Red (40%)
- Yellow (29%)
- Blue (51%)



- Cyan (21%)
- Magenta (43%)
- Yellow (0%)
- Black (49%)



- Cyan (60%)
- Magenta (71%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664A81 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 664A81 by changing the saturation by 10% instead.



664A81

664A81

FFFFFF

4D3368

9A7BB6

351D4F

B595D2

1E0738

D1B0EE

000022

EECCFF

000008

FFE8FF

000000

664A81

664A81

603D81

6C5781

593081

736481

■ 532381

■ 797181

■ 4D1681

■ 7F7E81

■ 460A81

■ 868B81

■ 420081

■ 8C9781

■ 92A481

■ 99B181

■ 9FBE81

# Harmonies

## Analogous

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



36558E



664A81



814069

# Triad

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



664A81



744E1F



006460

# Complementary

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



664A81



65814A

# 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.



006343



664A81



5C581A

# Square

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



664A81



854332



3C5F29



00637B

# Rectangle

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



664A81



893D56



3C5F29



006457



# Sweetspot

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



664A81



9E92A8



4A6681



4E4754



D4D4D4



545454



# Same Dimension

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



664A81



7E52A8



814A81



3D3940



410080



000000



# Inverse Universe

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



814A65



A8527D



4A814A



40393D



80003F

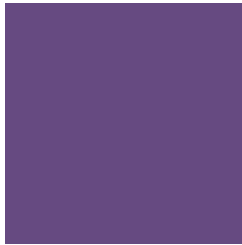


000000



# Previews

## White Background



This preview shows how the Hex color 664A81 looks on a white background.

## Color Contrast Check

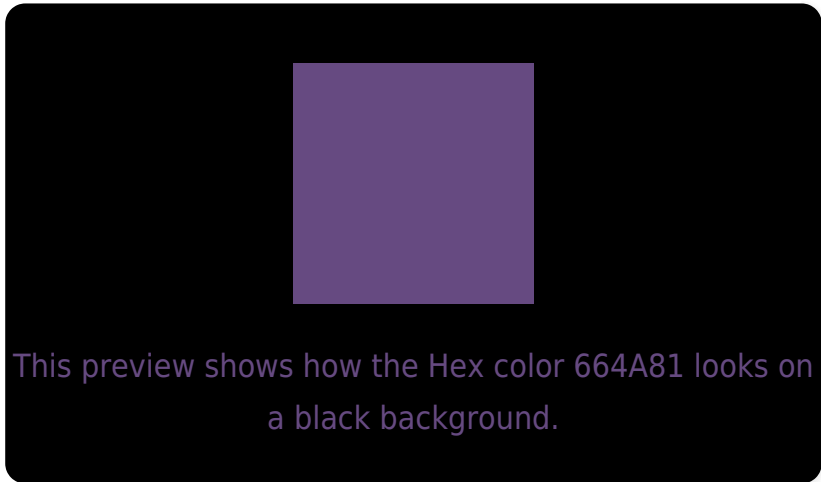
Large Text (above 18pt) WCAG AA ✓ Pass

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

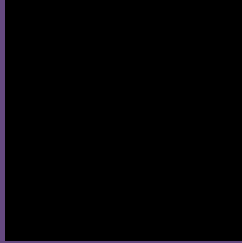
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 664A81 Background



This preview shows how black text looks on a background with the Hex color 664A81.

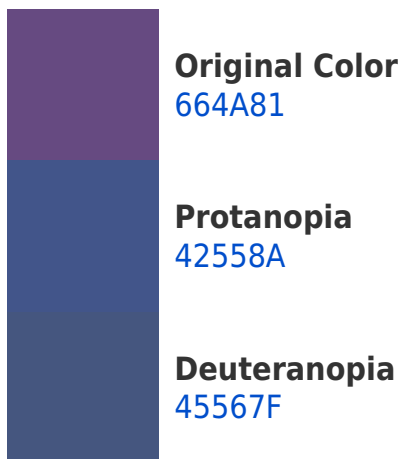



This preview shows how white text looks on a background with the Hex color 664A81.

# 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**  
5F5359

# Trichromacy



**Original Color**  
664A81

**Protanomaly**  
4F5187

**Deuteranomaly**  
515280

**Tritanomaly**  
625068

# Monochromacy



**Original Color**  
664A81

**Achromatopsia**  
595959

**Achromatomaly**  
5E5468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664A81 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 #664A81 looks like.

```
.text, #text, p{  
    color:#664A81  
}
```

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 #664A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664A81
}
```

## Border

The CSS property to change the border of an element to Hex 664A81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

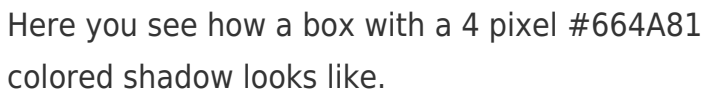
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664A81 }
```

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

```
.border{ border-color:#664A81 }
```

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



Here you see how a box with a 4 pixel #664A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664A81; -webkit-box-shadow:4px 4px  
4px 4px #664A81; box-shadow:4px 4px 4px  
4px #664A81 }
```

# Background

The CSS property to change the background color of an element to Hex 664A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664A81 }
```

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

```
.background{ background-color:#664A81 }
```

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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