

# Converting Colors

Hex(645081)

Have a look what the booklet for  
Hex(645081) contains.

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# Color

**Hex(645081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645081
RGB	100, 80, 129
RGB Percent	39%, 31%, 51%
CMY	0.6078, 0.6863, 0.4941
CMYK	0.22, 0.38, 0.00, 0.49
HSL	264°, 23%, 41%
HSV	264°, 38%, 51%
XYZ	12.0866, 10.0316, 22.0681
YIQ	91.5660, -3.8090, 19.4790

# Conversions

## Conversions Part 2

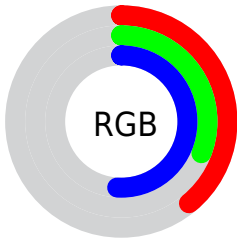
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 80, 129
Decimal	6574209
CIE <sub>Lab</sub>	37.90, 19.11, -24.55
CIE <sub>LCh</sub>	38, 31.112, 307.898
Yxy	10.0316, 0.2735, 0.2270
Android (android.graphics.Color)	4284764289 (0xFF645081)
YUV	91.5660, 18.4550, 7.3966
Hunter-Lab	31.6727, 12.6901, -19.1397

# Details

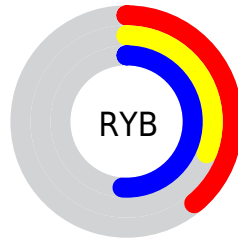
The Hex color **645081** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D8150**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9881B6**, and **34234F** is the 20% darker color. If you saturate the color by 10%, you get **5C4381**, and if you desaturate by 10%, it is **6C5D81**.

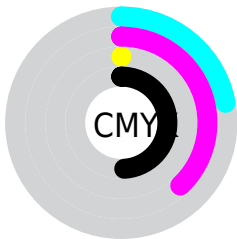
# Distribution



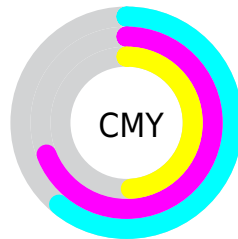
- Red (39%)
- Green (31%)
- Blue (51%)



- Red (39%)
- Yellow (31%)
- Blue (51%)



- Cyan (22%)
- Magenta (38%)
- Yellow (0%)
- Black (49%)



- Cyan (61%)
- Magenta (69%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645081 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 645081 by changing the saturation by 10% instead.



645081

645081

FFFFFF

4B3968

9881B6

34234F

B39CD2

1D0F38

CFB6EE

010023

EBD2FF

000009

FFEEFF

000000

645081

645081

5C4381

6C5D81

553681

736A81

■ 4D2981

■ 7B7781

■ 451C81

■ 838481

■ 3E0F81

■ 8A9181

■ 360381

■ 929D81

■ 350081

■ 99AA81

■ A1B781

■ A9C481

# Harmonies

## Analogous

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



3B5A8B



645081



7E476D

# Triad

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



645081



77512A



00665F

# Complementary

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



645081



6D8150

# 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.



236545



645081



625A26

# Square

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



645081



85483C



476130



006577

# Rectangle

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



645081



86445C



476130



006657



# Sweetspot

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



645081



9D96A8



506D81



4E4954



D4D4D4



545454



# Same Dimension

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



645081



7A5BA8



7C5081



3C3940



340080



000000



# Inverse Universe

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



81506D



A85B89



558150



40393D



80004B

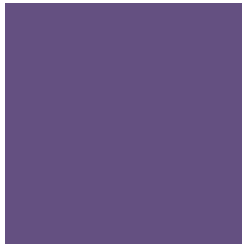


000000



# Previews

## White Background



This preview shows how the Hex color 645081 looks on a white background.

## Color Contrast Check

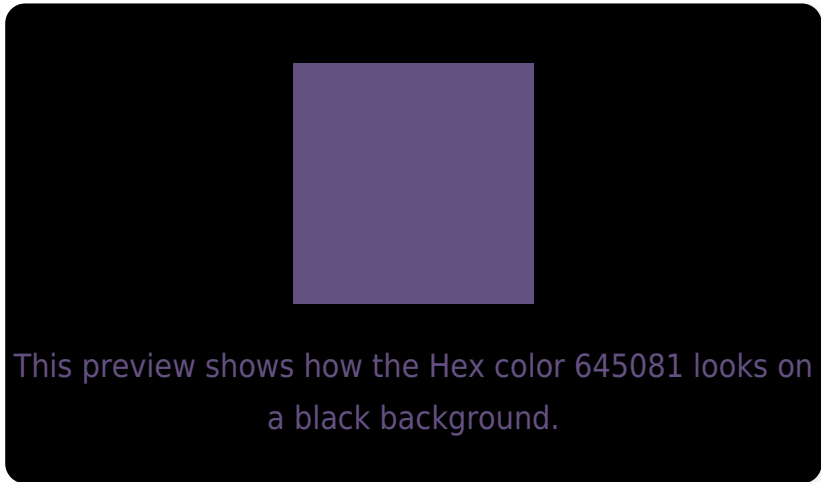
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

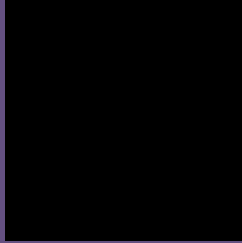
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 645081 Background



This preview shows how black text looks on a background with the Hex color 645081.



This preview shows how white text looks on a background with the Hex color 645081.

# 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**  
645081

**Protanopia**  
495887

**Deuteranopia**  
4B587F



# Trichromacy



**Original Color**  
645081

**Protanomaly**  
535585

**Deuteranomaly**  
545580

**Tritanomaly**  
60546B

# Monochromacy



**Original Color**  
645081

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5F5869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645081 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 #645081 looks like.

```
.text, #text, p{  
    color:#645081  
}
```

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 #645081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645081
}
```

## Border

The CSS property to change the border of an element to Hex 645081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

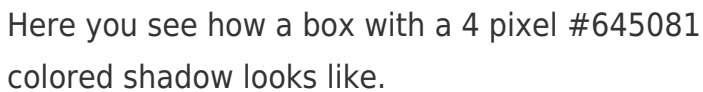
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645081 }
```

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

```
.border{ border-color:#645081 }
```

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



Here you see how a box with a 4 pixel #645081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645081; -webkit-box-shadow:4px 4px  
4px 4px #645081; box-shadow:4px 4px 4px  
4px #645081 }
```

# Background

The CSS property to change the background color of an element to Hex 645081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645081 }
```

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

```
.background{ background-color:#645081 }
```

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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