

# Converting Colors

Hex(664D79)

Have a look what the booklet for  
Hex(664D79) contains.

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# Color

**Hex(664D79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	664D79
RGB	102, 77, 121
RGB Percent	40%, 30%, 47%
CMY	0.6000, 0.6980, 0.5255
CMYK	0.16, 0.36, 0.00, 0.53
HSL	274°, 22%, 39%
HSV	274°, 36%, 47%
XYZ	11.5846, 9.5130, 19.3148
YIQ	89.4910, 0.7760, 18.9840

# Conversions

## Conversions Part 2

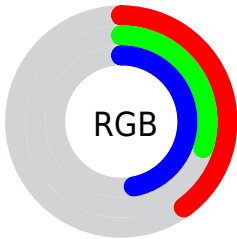
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 77, 121
Decimal	6704505
CIE <sub>Lab</sub>	36.95, 19.65, -21.08
CIE <sub>LCh</sub>	37, 28.819, 313.001
Yxy	9.5130, 0.2867, 0.2354
Android (android.graphics.Color)	4284894585 (0xFF664D79)
YUV	89.4910, 15.5339, 10.9704
Hunter-Lab	30.8432, 13.0683, -15.5387

# Details

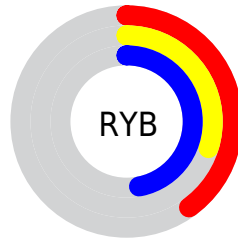
The Hex color **664D79** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **60794D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A7EAE**, and **362048** is the 20% darker color. If you saturate the color by 10%, you get **614179**, and if you desaturate by 10%, it is **6B5979**.

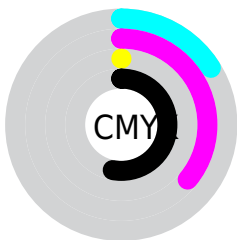
# Distribution



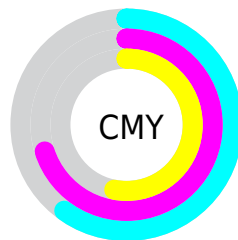
- Red (40%)
- Green (30%)
- Blue (47%)



- Red (40%)
- Yellow (30%)
- Blue (47%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (70%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 664D79 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 664D79 by changing the saturation by 10% instead.



664D79

664D79

FFFFFF

4D3660

9A7EAE

362048

B598C9

200B31

D0B3E5

00001C

EDCFFF

000000

FFEBFF

664D79

664D79

614179

6B5979

5C3579

706579

■ 562979

■ 767179

■ 511D79

■ 7B7D79

■ 4C1079

■ 808979

■ 470479

■ 859679

■ 450079

■ 8BA279

■ 90AE79

■ 95BA79

# Harmonies

## Analogous

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



445684



664D79



7B4665

# Triad

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



664D79



70512A



006361

# Complementary

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



664D79



60794D

# 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.



206249



664D79



5B5928

# Square

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



664D79



7F4938



425F34



006176

# Rectangle

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



664D79



824455



425F34



006359



# Sweetspot

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



664D79



978D9E



4D6079



4B454F



CFCFCF



4F4F4F



# Same Dimension

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



664D79



80599E



794D76



3B373D



47007D



8F00FC



# Inverse Universe

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



794D60



9E5977



4D7950



3D373A



7D0036



FC006D



# Previews

## White Background



This preview shows how the Hex color 664D79 looks on a white background.

## Color Contrast Check

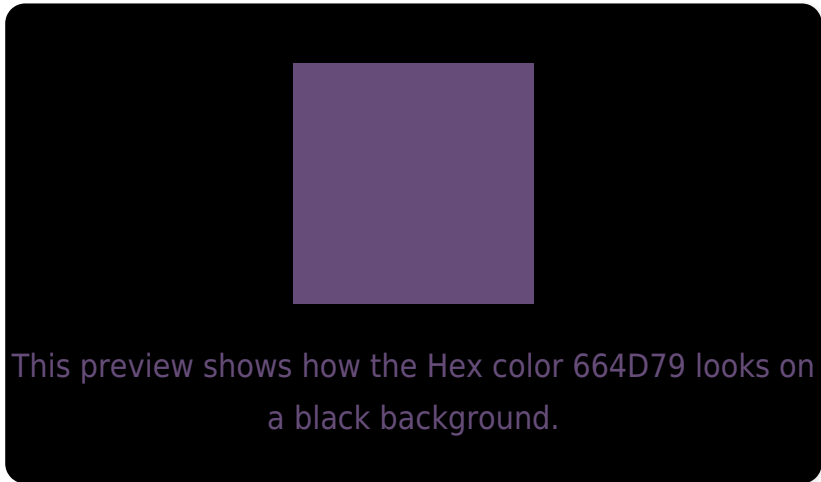
Large Text (above 18pt) WCAG AA ✓ Pass

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

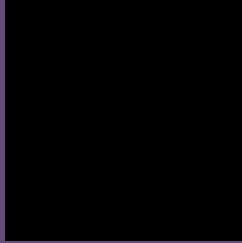
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 664D79 Background



This preview shows how black text looks on a background with the Hex color 664D79.



This preview shows how white text looks on a background with the Hex color 664D79.

# 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**  
664D79

**Protanopia**  
495680

**Deuteranopia**  
4D5677



**Tritanopia**  
61535A

# Trichromacy



**Original Color**  
664D79

**Protanomaly**  
54537D

**Deuteranomaly**  
565378

**Tritanomaly**  
635165

# Monochromacy



**Original Color**  
664D79

**Achromatopsia**  
595959

**Achromatomaly**  
5E5565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 664D79 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 #664D79 looks like.

```
.text, #text, p{  
    color:#664D79  
}
```

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 #664D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664D79
}
```

## Border

The CSS property to change the border of an element to Hex 664D79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

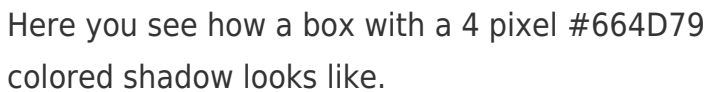
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664D79 }
```

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

```
.border{ border-color:#664D79 }
```

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



Here you see how a box with a 4 pixel #664D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664D79; -webkit-box-shadow:4px 4px  
4px 4px #664D79; box-shadow:4px 4px 4px  
4px #664D79 }
```

# Background

The CSS property to change the background color of an element to Hex 664D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664D79 }
```

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

```
.background{ background-color:#664D79 }
```

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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