

Converting Colors

Hex(664B74)

Have a look what the booklet for
Hex(664B74) contains.

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Color

Hex(664B74)

Conversions

Conversions Part 1

Format	Color
Hex	664B74
RGB	102, 75, 116
RGB Percent	40%, 29%, 45%
CMY	0.6000, 0.7059, 0.5451
CMYK	0.12, 0.35, 0.00, 0.55
HSL	280°, 21%, 37%
HSV	280°, 35%, 45%
XYZ	11.1480, 9.1179, 17.6954
YIQ	87.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

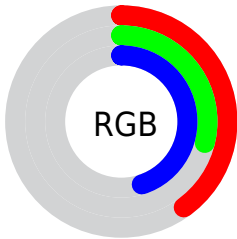
Format	Color
RYB	102, 75, 116
Decimal	6703988
CIELab	36.21, 19.71, -19.13
CIELCh	36, 27.461, 315.856
Yxy	9.1179, 0.2937, 0.2402
Android (android.graphics.Color)	4284894068 (0xFF664B74)
YUV	87.7470, 13.9287, 12.4999
Hunter-Lab	30.1958, 13.0574, -13.6080

Details

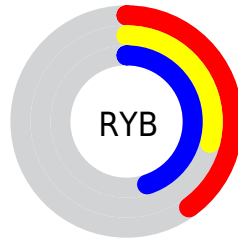
The Hex color **664B74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59744B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9A7CA8**, and **361E44** is the 20% darker color. If you saturate the color by 10%, you get **623F74**, and if you desaturate by 10%, it is **6A5774**.

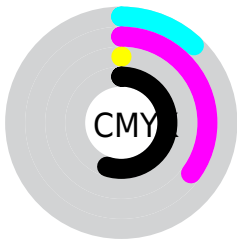
Distribution



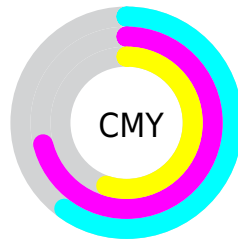
- Red (40%)
- Green (29%)
- Blue (45%)



- Red (40%)
- Yellow (29%)
- Blue (45%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664B74 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 664B74 by changing the saturation by 10% instead.



664B74



664B74

FFFFFF



4E345B



9A7CA8



361E44



B596C3



20092D



D0B1DF



000018



EDCCFC



000000



FFE9FF



664B74



664B74



623F74



6A5774



5E3474



6E6274

■ 5A2874

■ 726E74

■ 561D74

■ 767974

■ 521174

■ 7A8574

■ 4E0574

■ 7E9174

■ 4C0074

■ 829C74

■ 86A874

■ 8AB374

Harmonies

Analogous

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



47537F



664B74



794561

Triad

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



664B74



6C502A



006160

Complementary

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



664B74



59744B

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.



1E604A



664B74



57582A

Square

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



664B74



7A4937



3F5D36



005F74

Rectangle

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



664B74



7F4352



3F5D36



006159

Sweetspot

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



664B74



918696



4B5974



49434D



CCCCCC



4D4D4D

Same Dimension

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



664B74



815796



744B6E



39353B



51007A



A500FA

Inverse Universe

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



744B59



96576D



4B7451



3B3537



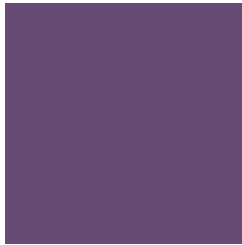
7A002A



FA0055

Previews

White Background



This preview shows how the Hex color 664B74 looks on a white background.

Color Contrast Check

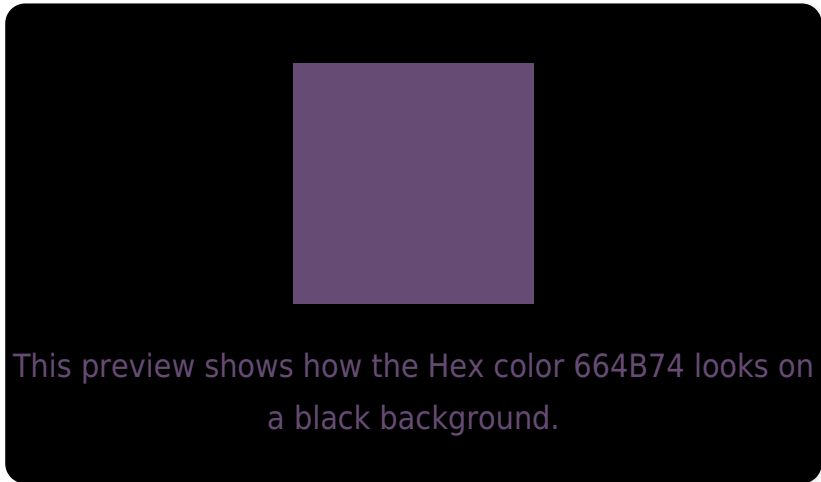
Large Text (above 18pt) WCAG AA ✓ Pass

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

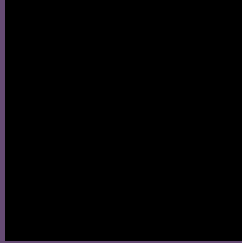
Any Text WCAG AA × Fail

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 664B74 Background



This preview shows how black text looks on a background with the Hex color 664B74.



This preview shows how white text looks on a background with the Hex color 664B74.

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
664B74

Protanopia
49547B

Deuteranopia
4E5472



Tritanopia
625157

Trichromacy



Original Color
664B74

Protanomaly
545178

Deuteranomaly
575173

Tritanomaly
634F62

Monochromacy



Original Color
664B74

Achromatopsia
585858

Achromatomaly
5D5362

CSS Examples

Text

The CSS property to change the color of the text to Hex 664B74 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 #664B74 looks like.

```
.text, #text, p{  
    color:#664B74  
}
```

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 #664B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664B74
}
```

Border

The CSS property to change the border of an element to Hex 664B74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

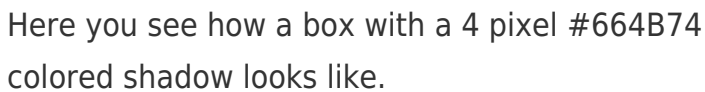
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664B74 }
```

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

```
.border{ border-color:#664B74 }
```

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



Here you see how a box with a 4 pixel #664B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664B74; -webkit-box-shadow:4px 4px  
4px 4px #664B74; box-shadow:4px 4px 4px  
4px #664B74 }
```

Background

The CSS property to change the background color of an element to Hex 664B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664B74 }
```

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

```
.background{ background-color:#664B74 }
```

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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