

Converting Colors

Hex(664079)

Have a look what the booklet for
Hex(664079) contains.

Hex(664079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(664079)

Conversions

Conversions Part 1

Format	Color
Hex	664079
RGB	102, 64, 121
RGB Percent	40%, 25%, 47%
CMY	0.6000, 0.7490, 0.5255
CMYK	0.16, 0.47, 0.00, 0.53
HSL	280°, 31%, 36%
HSV	280°, 47%, 47%
XYZ	10.7641, 7.8720, 19.0413
YIQ	81.8600, 4.3510, 25.7830

Conversions

Conversions Part 2

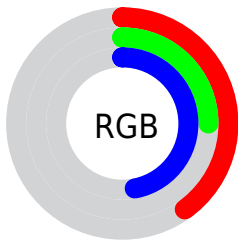
Format	Color
R_{YB}	102, 64, 121
Decimal	6701177
CIE _{Lab}	33.71, 27.62, -26.13
CIE _{LCh}	34, 38.019, 316.589
Yxy	7.8720, 0.2857, 0.2089
Android (android.graphics.Color)	4284891257 (0xFF664079)
YUV	81.8600, 19.2960, 17.6628
Hunter-Lab	28.0572, 19.3811, -20.5977

Details

The Hex color **664079** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **537940**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9A71AE**, and **351348** is the 20% darker color. If you saturate the color by 10%, you get **623479**, and if you desaturate by 10%, it is **6A4C79**.

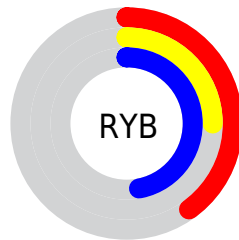
Distribution



Red (40%)

Green (25%)

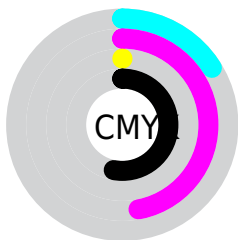
Blue (47%)



Red (40%)

Yellow (25%)

Blue (47%)

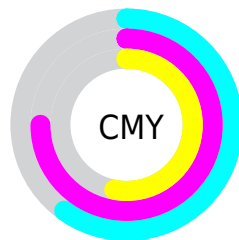


Cyan (16%)

Magenta (47%)

Yellow (0%)

Black (53%)



Cyan (60%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664079 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 664079 by changing the saturation by 10% instead.

664079

664079

FFFFFF

4D2960

9A71AE

351348

B58BC9

200031

D1A5E5

00011C

EEC1FF

000000

FFDDFF

FFF9FF

664079

664079

623479

6A4C79

■ 5E2879

■ 6E5879

■ 5A1C79

■ 726479

■ 561079

■ 767079

■ 520379

■ 7A7C79

■ 510079

■ 7E8979

■ 829579

■ 86A179

■ 8AAD79

Harmonies

Analogous

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



364D89



664079



7F355E

Triad

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



664079



6A4910



005E60

Complementary

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



664079



537940

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.



005D40



664079



4F530F

Square

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



664079



7E3D24



2C5923



005C7A

Rectangle

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



664079



86334A



2C5923



005E55

Sweetspot

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



664079



97889E



405379



4B424F



CFCFCF



4F4F4F

Same Dimension

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



664079



80449E



79406F



3B373D



53007D



A800FC

Inverse Universe

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



794053



9E4462



407949



3D3739



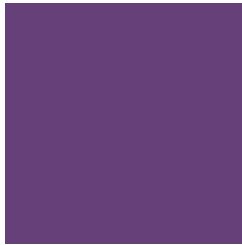
7D002A



FC0054

Previews

White Background



This preview shows how the Hex color 664079 looks on a white background.

Color Contrast Check

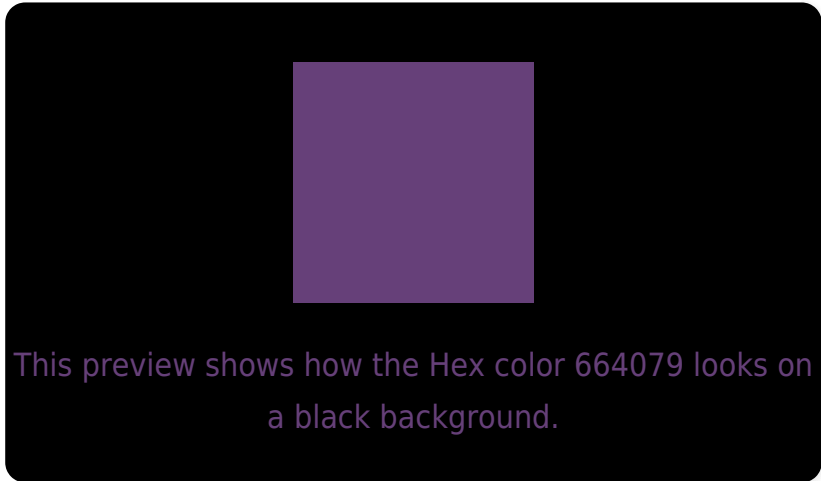
Large Text (above 18pt) WCAG AA ✓ Pass

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

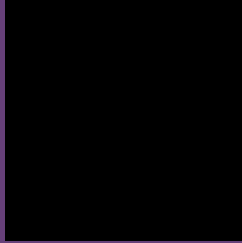
Any Text WCAG AA × Fail

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 664079 Background



This preview shows how black text looks on a background with the Hex color 664079.



This preview shows how white text looks on a background with the Hex color 664079.

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
664079

Protanopia
394E85

Deuteranopia
3F4F76



Tritanopia
604A4F

Trichromacy



Original Color
664079

Protanomaly
494981

Deuteranomaly
4D4A77

Tritanomaly
62465E

Monochromacy



Original Color
664079

Achromatopsia
525252

Achromatomaly
594B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 664079 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 #664079 looks like.

```
.text, #text, p{  
    color:#664079  
}
```

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 #664079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664079
}
```

Border

The CSS property to change the border of an element to Hex 664079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

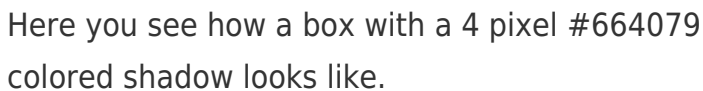
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664079 }
```

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

```
.border{ border-color:#664079 }
```

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



Here you see how a box with a 4 pixel #664079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664079; -webkit-box-shadow:4px 4px  
4px 4px #664079; box-shadow:4px 4px 4px  
4px #664079 }
```

Background

The CSS property to change the background color of an element to Hex 664079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664079 }
```

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

```
.background{ background-color:#664079 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor