

# Converting Colors

Hex(675278)

Have a look what the booklet for  
Hex(675278) contains.

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# Color

**Hex(675278)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675278
RGB	103, 82, 120
RGB Percent	40%, 32%, 47%
CMY	0.5961, 0.6784, 0.5294
CMYK	0.14, 0.32, 0.00, 0.53
HSL	273°, 19%, 40%
HSV	273°, 32%, 47%
XYZ	12.0010, 10.2742, 19.1199
YIQ	92.6110, 0.3180, 16.2700

# Conversions

## Conversions Part 2

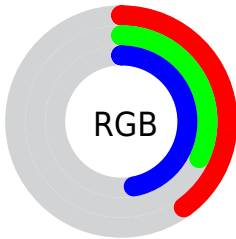
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 82, 120
Decimal	6771320
CIE <sub>Lab</sub>	38.33, 16.66, -18.32
CIE <sub>LCh</sub>	38, 24.764, 312.273
Yxy	10.2742, 0.2899, 0.2482
Android (android.graphics.Color)	4284961400 (0xFF675278)
YUV	92.6110, 13.5028, 9.1112
Hunter-Lab	32.0534, 10.7379, -12.9292




# Details

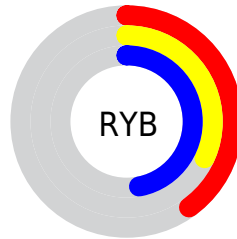
The Hex color **675278** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **637852**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **9B84AC**, and **372547** is the 20% darker color. If you saturate the color by 10%, you get **624678**, and if you desaturate by 10%, it is **6C5E78**.

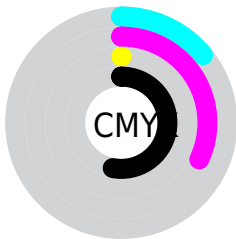
# Distribution







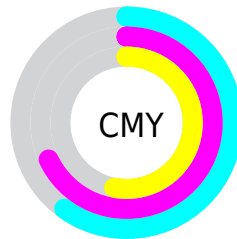
-  Red (40%)
-  Green (32%)
-  Blue (47%)






-  Red (40%)
-  Yellow (32%)
-  Blue (47%)



-  Cyan (14%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (60%)
-  Magenta (68%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675278 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 675278 by changing the saturation by 10% instead.



675278

675278

FFFFFF

4F3B5F

9B84AC

372547

B69EC8

211031

D1B9E4

07001C

EED4FF

000000

FFF1FF

675278

675278

624678

6C5E78

5C3A78

726A78

■ 572E78

■ 777678

■ 522278

■ 7C8278

■ 4C1678

■ 828E78

■ 470A78

■ 879A78

■ 420078

■ 8DA678

■ 92B278

■ 97BE78

# Harmonies

## Analogous

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



4A5981



675278



7A4C67

# Triad

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



675278



725534



0E6562

# Complementary

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



675278



637852

# 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.



2F644D



675278



5F5C32

# Square

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



675278



7E4E40



49613C



006475

# Rectangle

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



675278



804A59



49613C



1B655B



# Sweetspot

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



675278



958C9C



526378



4B464F



CFCFCF



4F4F4F



# Same Dimension

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



675278



81609C



785276



3A373D



45007D



8C00FC



# Inverse Universe

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



785263



9C607B



527854



3D373A



7D0038

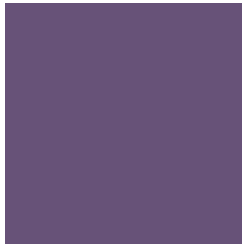


FC0071



# Previews

## White Background



This preview shows how the Hex color 675278 looks on a white background.

## Color Contrast Check

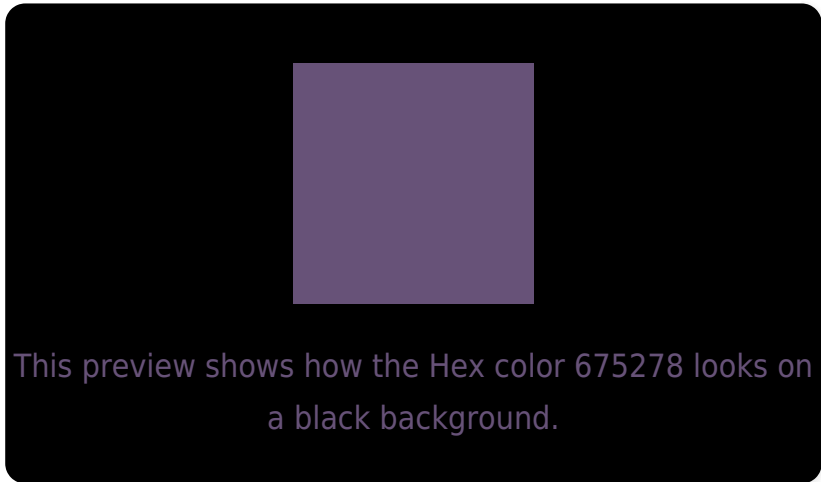
Large Text (above 18pt) WCAG AA ✓ Pass

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

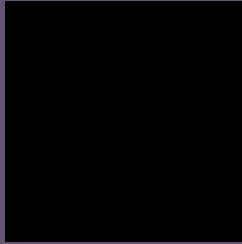
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675278 Background



This preview shows how black text looks on a background with the Hex color 675278.

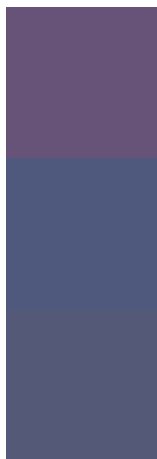


This preview shows how white text looks on a background with the Hex color 675278.

# 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**  
675278

**Protanopia**  
4F597D

**Deuteranopia**  
545977



**Tritanopia**  
63575E

# Trichromacy



**Original Color**  
675278

**Protanomaly**  
58567B

**Deuteranomaly**  
5B5677

**Tritanomaly**  
645567

# Monochromacy



**Original Color**  
675278

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
615967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675278 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 #675278 looks like.

```
.text, #text, p{  
    color:#675278  
}
```

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 #675278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675278  
}
```

## Border

The CSS property to change the border of an element to Hex 675278 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".

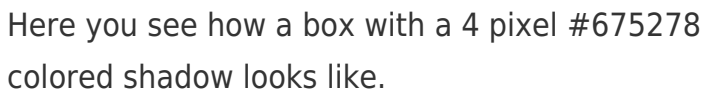
```
.border, #border, table{ border:4px solid  
#675278 }
```

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

```
.border{ border-color:#675278 }
```

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

Here you see how a box with a 4 pixel #675278 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675278; -webkit-box-shadow:4px 4px  
4px 4px #675278; box-shadow:4px 4px 4px  
4px #675278 }
```

# Background

The CSS property to change the background color of an element to Hex 675278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675278 }
```

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

```
.background{ background-color:#675278 }
```

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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