

# Converting Colors

Hex(715098)

Have a look what the booklet for  
Hex(715098) contains.

<b>Hex(715098)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(715098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	715098
RGB	113, 80, 152
RGB Percent	44%, 31%, 60%
CMY	0.5569, 0.6863, 0.4039
CMYK	0.26, 0.47, 0.00, 0.40
HSL	268°, 31%, 45%
HSV	268°, 47%, 60%
XYZ	15.3462, 11.5150, 31.1196
YIQ	98.0750, -3.4440, 29.3880

# Conversions

## Conversions Part 2

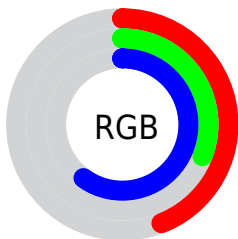
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 80, 152
Decimal	7426200
CIE <sub>Lab</sub>	40.43, 29.01, -34.44
CIE <sub>LCh</sub>	40, 45.031, 310.110
Yxy	11.5150, 0.2647, 0.1986
Android (android.graphics.Color)	4285616280 (0xFF715098)
YUV	98.0750, 26.5850, 13.0892
Hunter-Lab	33.9338, 21.3406, -30.6192

# Details

The Hex color **715098** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **779850**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A682CF**, and **3E2264** is the 20% darker color. If you saturate the color by 10%, you get **694198**, and if you desaturate by 10%, it is **795F98**.

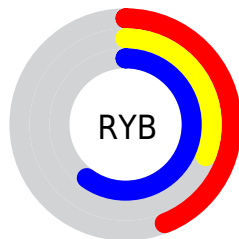
# Distribution



Red (44%)

Green (31%)

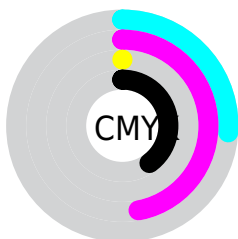
Blue (60%)



Red (44%)

Yellow (31%)

Blue (60%)

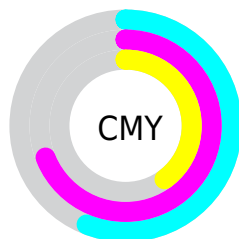


Cyan (26%)

Magenta (47%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (69%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 715098 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 715098 by changing the saturation by 10% instead.



715098

715098

FFFFFF

57387E

A682CF

3E2264

C29CEB

260C4C

DFB7FF

140035

FCD3FF

00021F

FFF0FF

000002

000000

715098

715098

694198

795F98

613298

816E98

582298

8A7E98

501398

928D98

480498

9A9C98

460098

A2AB98

ABBA98

B3CA98

BBD998

# Harmonies

## Analogous

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



275FA8



715098



954179

# Triad

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



715098



865415



00716B

# Complementary

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



715098



779850

# 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.



006F45



715098



66610B

# Square

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



715098



9B4532



3E6A23



006F8E

# Rectangle

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



715098



A03C61



3E6A23



00715E



# Sweetspot

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



715098



B5A9C4



507898



5A5363



E3E3E3



636363



# Same Dimension

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



715098



8854C4



945098



48454D



40008C



06000D



# Inverse Universe

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



985077



C45491



549850



4D4549



8C004C

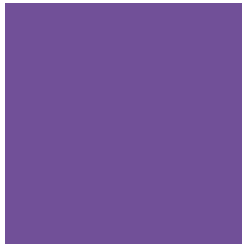


0D0007



# Previews

## White Background



This preview shows how the Hex color 715098 looks on a white background.

## Color Contrast Check

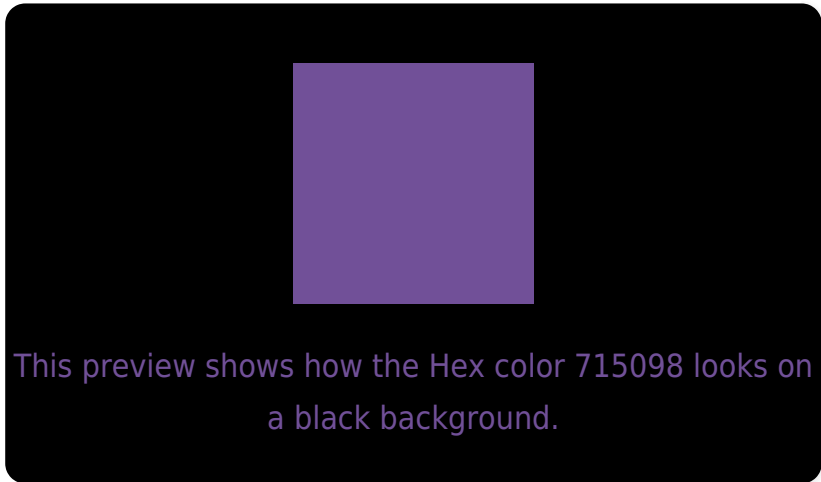
Large Text (above 18pt) WCAG AA ✓ Pass

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

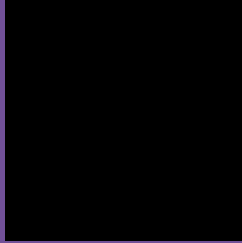
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 715098 Background



This preview shows how black text looks on a background with the Hex color 715098.

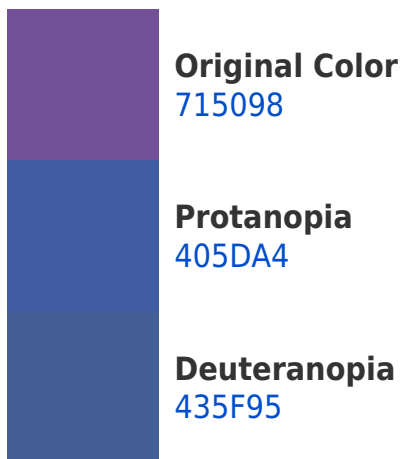


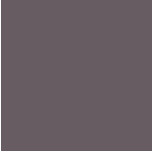
This preview shows how white text looks on a background with the Hex color 715098.

# 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





**Tritanopia**  
685C63

# Trichromacy



**Original Color**  
715098

**Protanomaly**  
5258A0

**Deuteranomaly**  
545A96

**Tritanomaly**  
6B5876

# Monochromacy



**Original Color**  
715098

**Achromatopsia**  
626262

**Achromatomaly**  
675B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 715098 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 #715098 looks like.

```
.text, #text, p{  
    color:#715098  
}
```

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 #715098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #715098  
}
```

## Border

The CSS property to change the border of an element to Hex 715098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

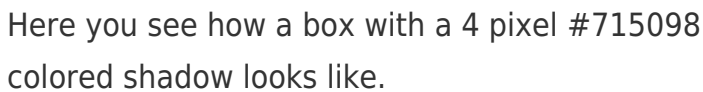
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#715098 }
```

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

```
.border{ border-color:#715098 }
```

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



Here you see how a box with a 4 pixel #715098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #715098; -webkit-box-shadow:4px 4px  
4px 4px #715098; box-shadow:4px 4px 4px  
4px #715098 }
```

# Background

The CSS property to change the background color of an element to Hex 715098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#715098 }
```

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

```
.background{ background-color:#715098 }
```

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