

# Converting Colors

Hex(727885)

Have a look what the booklet for  
Hex(727885) contains.

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# Color

Hex(727885)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727885
RGB	114, 120, 133
RGB Percent	45%, 47%, 52%
CMY	0.5529, 0.5294, 0.4784
CMYK	0.14, 0.10, 0.00, 0.48
HSL	221°, 8%, 48%
HSV	221°, 14%, 52%
XYZ	17.8895, 18.7038, 24.8576
YIQ	119.6880, -7.7490, 2.7710

# Conversions

## Conversions Part 2

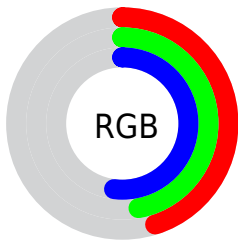
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 119, 133
Decimal	7501957
CIE Lab	50.34, 0.60, -7.86
CIE LCh	50, 7.881, 274.366
Yxy	18.7038, 0.2911, 0.3044
Android (android.graphics.Color)	4285692037 (0xFF727885)
YUV	119.6880, 6.5628, -4.9884
Hunter-Lab	43.2479, -1.8471, -3.8046

# Details

The Hex color **727885** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **857F72**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A6ACBA**, and **424854** is the 20% darker color. If you saturate the color by 10%, you get **656F85**, and if you desaturate by 10%, it is **7F8185**.

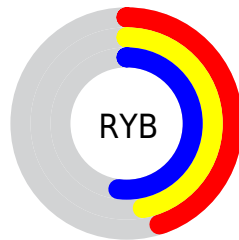
# Distribution



Red (45%)

Green (47%)

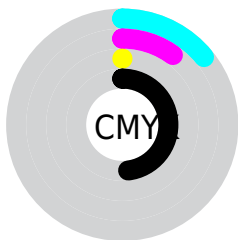
Blue (52%)



Red (45%)

Yellow (47%)

Blue (52%)

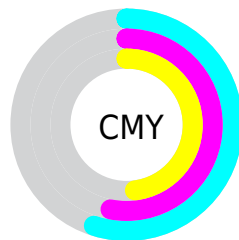


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (53%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727885 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 727885 by changing the saturation by 10% instead.



■ 727885

■ 727885

FFFFFF

■ 595F6C

■ A6ACBA

■ 424854

■ C1C8D6

■ 2C313C

■ DDE4F2

■ 171C27

■ FAFFFF

■ 000212

■ 000000

■ 727885

■ 727885

■ 656F85

■ 7F8185

■ 576685

■ 8D8A85

■ 4A5D85

■ 9A9385

■ 3D5485

■ A79C85

■ 2F4A85

■ B5A685

■ 224185

■ C2AF85

■ 153885

■ CFB885

■ 082F85

■ DCC185

■ 002A85

■ EACA85

# Harmonies

## Analogous

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



6B7A84



727885



7A7683

# Triad

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



727885



867470



6D7B72

# Complementary

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



727885



857F72

# 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.



757A6D



727885



83756C

# Square

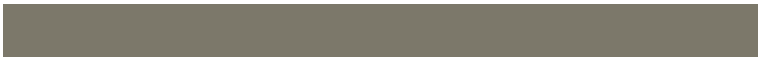
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



727885



867377



7C786A



687C79

# Rectangle

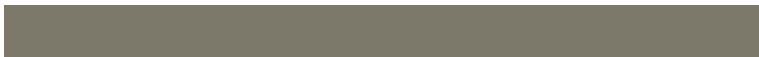
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



727885



7F7580



7C786A



707B70



# Sweetspot

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



727885



A6A9AD



72857F



525457



D6D6D6



575757



# Same Dimension

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



727885



9099AD



757285



3C3E42



002982



000103



# Inverse Universe

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



857278



AD9099



828572



423C3E



820029



030001



# Previews

## White Background



This preview shows how the Hex color 727885 looks on a white background.

## Color Contrast Check

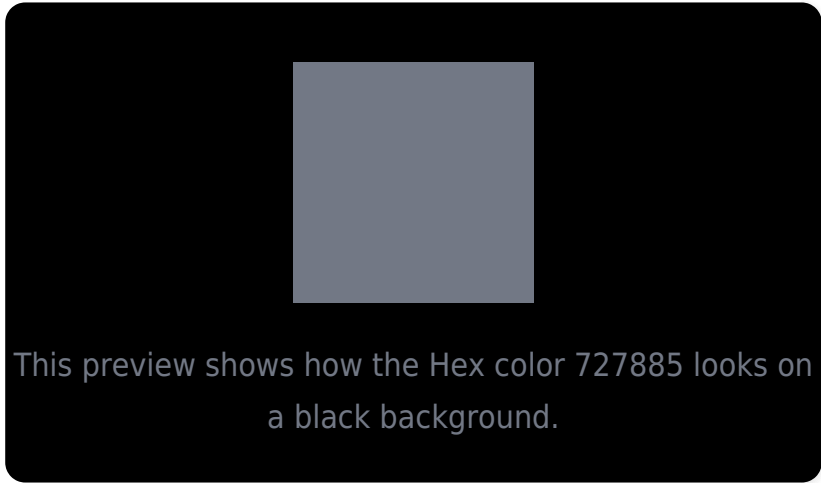
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

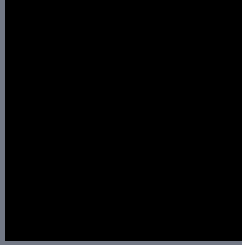
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

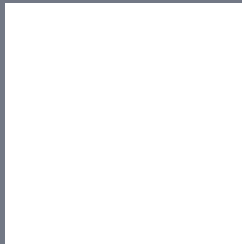
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 727885 Background



This preview shows how black text looks on a background with the Hex color 727885.



This preview shows how white text looks on a background with the Hex color 727885.

# 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**  
727885

**Protanopia**  
767784

**Deuteranopia**  
7D7486



**Tritanopia**  
717882

# Trichromacy



**Original Color**  
727885

**Protanomaly**  
757784

**Deuteranomaly**  
797586

**Tritanomaly**  
717883

# Monochromacy



**Original Color**  
727885

**Achromatopsia**  
787878

**Achromatomaly**  
76787D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727885 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 #727885 looks like.

```
.text, #text, p{  
    color:#727885  
}
```

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 #727885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727885
}
```

## Border

The CSS property to change the border of an element to Hex 727885 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
#727885 }
```

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

```
.border{ border-color:#727885 }
```

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

Here you see how a box with a 4 pixel #727885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727885; -webkit-box-shadow:4px 4px  
4px 4px #727885; box-shadow:4px 4px 4px  
4px #727885 }
```

# Background

The CSS property to change the background color of an element to Hex 727885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727885 }
```

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

```
.background{ background-color:#727885 }
```

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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