

# Converting Colors

Hex(727868)

Have a look what the booklet for  
Hex(727868) contains.

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# Color

**Hex(727868)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727868
RGB	114, 120, 104
RGB Percent	45%, 47%, 41%
CMY	0.5529, 0.5294, 0.5922
CMYK	0.05, 0.00, 0.13, 0.53
HSL	82°, 7%, 44%
HSV	82°, 13%, 47%
XYZ	16.1546, 18.0098, 15.7215
YIQ	116.3820, 1.5600, -6.2480

# Conversions

## Conversions Part 2

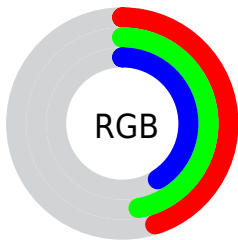
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 120, 110
Decimal	7501928
CIE <sub>Lab</sub>	49.51, -5.40, 8.02
CIE <sub>LCh</sub>	50, 9.669, 123.944
Yxy	18.0098, 0.3238, 0.3610
Android (android.graphics.Color)	4285692008 (0xFF727868)
YUV	116.3820, -6.1043, -2.0890
Hunter-Lab	42.4380, -6.3180, 7.7421

# Details

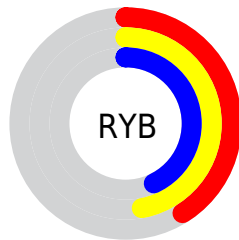
The Hex color **727868** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6878**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A6AC9B**, and **424839** is the 20% darker color. If you saturate the color by 10%, you get **6E785C**, and if you desaturate by 10%, it is **767874**.

# Distribution



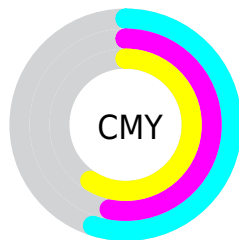
- Red (45%)
- Green (47%)
- Blue (41%)



- Red (41%)
- Yellow (47%)
- Blue (43%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727868 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 727868 by changing the saturation by 10% instead.





727868



727868

FFFFFF



595F50



A6AC9B



424839



C1C8B6



2C3123



DDE4D2



181C0E



FAFFEE



000000



727868



727868



6E785C



767874



697850



7B7880



657844



7F788C

■ 607838

■ 847898

■ 5C782C

■ 8878A4

■ 577820

■ 8D78B0

■ 537814

■ 9178BC

■ 4E7808

■ 9678C8

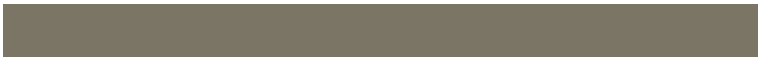
■ 4B7800

■ 9A78D4

# Harmonies

## Analogous

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



7B7565



727868



697A6E

# Triad

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



727868



657984



877075

# Complementary

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



727868



6E6878

# 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.



82717D



727868



6E7686

# Square

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



727868



617A7F



797383



87716D

# Rectangle

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



727868



647A74



797383



857078



# Sweetspot

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



727868



999C95



786E68



4E4F4B



CFCFCF



4F4F4F



# Same Dimension

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



727868



929C83



6A7868



3B3D37



4E7D00



9EFC00



# Inverse Universe

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



6E6878



8C839C



766878



39373D



2F007D

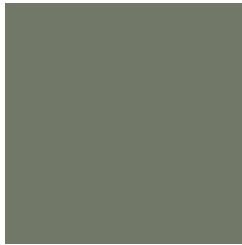


5F00FC



# Previews

## White Background



This preview shows how the Hex color 727868 looks on a white background.

## Color Contrast Check

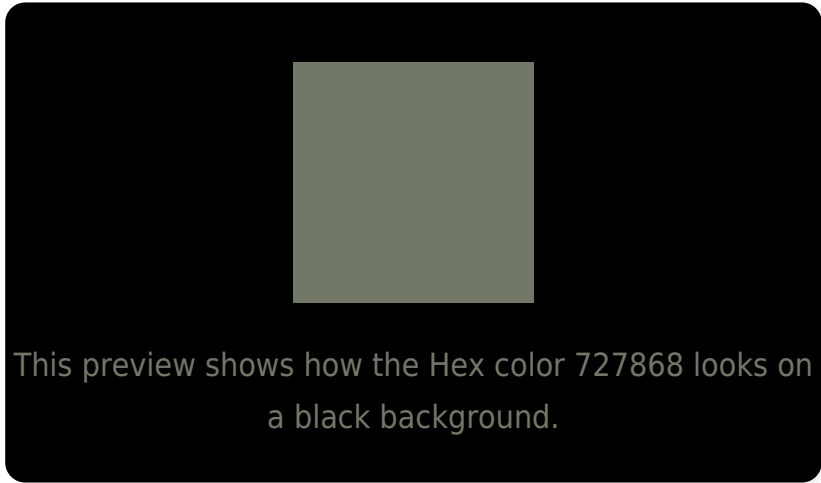
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

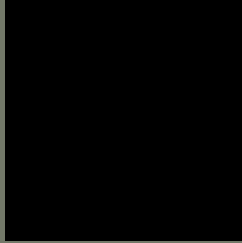
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

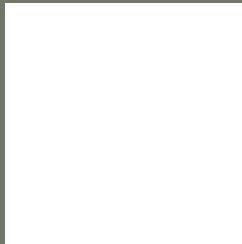
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 727868 Background



This preview shows how black text looks on a background with the Hex color 727868.



This preview shows how white text looks on a background with the Hex color 727868.

# 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**

727868

**Protanopia**

7B7567

**Deuteranopia**

857169



**Tritanopia**  
75757E

# Trichromacy



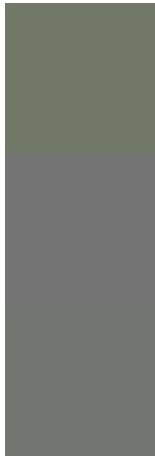
**Original Color**  
727868

**Protanomaly**  
787667

**Deuteranomaly**  
7E7469

**Tritanomaly**  
747676

# Monochromacy



**Original Color**  
727868

**Achromatopsia**  
747474

**Achromatomaly**  
737570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727868 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 #727868 looks like.

```
.text, #text, p{  
    color:#727868  
}
```

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 #727868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727868
}
```

## Border

The CSS property to change the border of an element to Hex 727868 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
#727868 }
```

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

```
.border{ border-color:#727868 }
```

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

Here you see how a box with a 4 pixel #727868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727868; -webkit-box-shadow:4px 4px  
4px 4px #727868; box-shadow:4px 4px 4px  
4px #727868 }
```

# Background

The CSS property to change the background color of an element to Hex 727868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727868 }
```

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

```
.background{ background-color:#727868 }
```

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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