

# Converting Colors

Hex(727F75)

Have a look what the booklet for  
Hex(727F75) contains.

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# Color

Hex(727F75)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727F75
RGB	114, 127, 117
RGB Percent	45%, 50%, 46%
CMY	0.5529, 0.5020, 0.5412
CMYK	0.10, 0.00, 0.08, 0.50
HSL	134°, 5%, 47%
HSV	134°, 10%, 50%
XYZ	17.7397, 20.0405, 19.7628
YIQ	121.9730, -4.5380, -5.8660

# Conversions

## Conversions Part 2

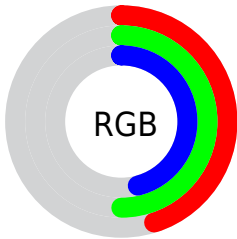
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 125, 127
Decimal	7503733
CIE <sub>Lab</sub>	51.88, -6.86, 3.80
CIE <sub>LCh</sub>	52, 7.841, 151.001
Yxy	20.0405, 0.3083, 0.3483
Android (android.graphics.Color)	4285693813 (0xFF727F75)
YUV	121.9730, -2.4517, -6.9923
Hunter-Lab	44.7666, -7.6073, 5.1622

# Details

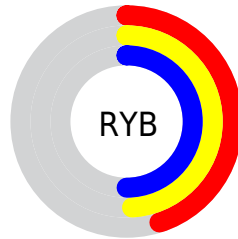
The Hex color **727F75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F727C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A6B4A9**, and **424E45** is the 20% darker color. If you saturate the color by 10%, you get **657F6B**, and if you desaturate by 10%, it is **7F7F7F**.

# Distribution



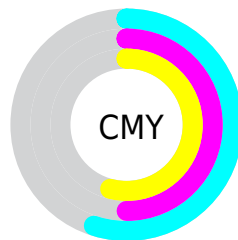
- Red (45%)
- Green (50%)
- Blue (46%)



- Red (45%)
- Yellow (49%)
- Blue (50%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727F75 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 727F75 by changing the saturation by 10% instead.



■ 727F75

■ 727F75

FFFFFF

■ 59665C

■ A6B4A9

■ 424E45

■ C1CFC4

■ 2C372F

■ DDEBE0

■ 17221A

■ FAFFFD

■ 000C00

■ 000000

■ 727F75

■ 727F75

■ 657F6B

■ 7F7F7F

■ 597F61

■ 8B7F89

■ 4C7F58

■ 987F92

■ 3F7F4E

■ A57F9C

■ 337F44

■ B27FA6

■ 267F3A

■ BE7FB0

■ 197F31

■ CB7FB9

■ 0C7F27

■ D87FC3

■ 007F1D

■ E47FCD

# Harmonies

## Analogous

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



797D70



727F75



6D807C

# Triad

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



727F75



757C89



8A7875

# Complementary

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



727F75



7F727C

# 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.



89777C



727F75



7D7A87

# Square

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



727F75



6E7E87



857882



877970

# Rectangle

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



727F75



6B8080



857882



8A7777



# Sweetspot

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



727F75



A1A6A2



7C7F72



515452



D4D4D4



545454



# Same Dimension

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



727F75



92A696



727F7B



39403B



00801D



000000



# Inverse Universe

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



7F727C



A692A1



7F7276



40393E



800062



000000



# Previews

## White Background



This preview shows how the Hex color 727F75 looks on a white background.

## Color Contrast Check

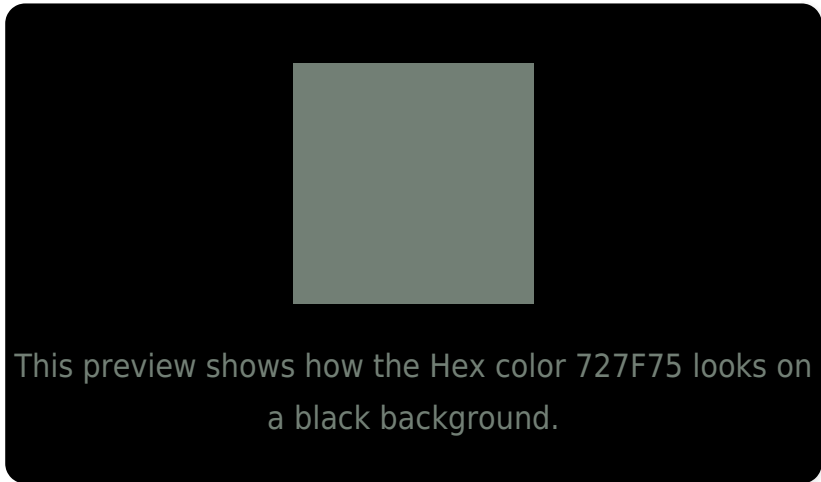
Large Text (above 18pt) WCAG AA ✓ Pass

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

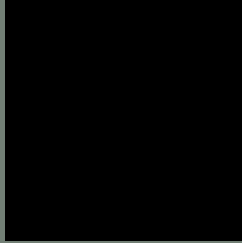
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 727F75 Background



This preview shows how black text looks on a background with the Hex color 727F75.



This preview shows how white text looks on a background with the Hex color 727F75.

# 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](#).

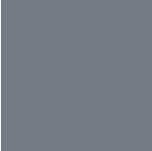
## Dichromacy



**Original Color**  
727F75

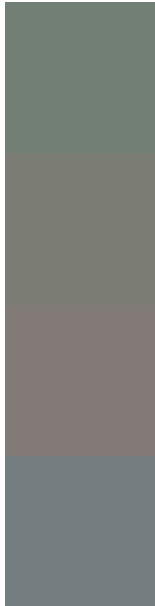
**Protanopia**  
807B73

**Deuteranopia**  
897777



**Tritanopia**  
757C86

# Trichromacy



**Original Color**

727F75

**Protanomaly**

7B7C74

**Deuteranomaly**

817A76

**Tritanomaly**

747D80

# Monochromacy



**Original Color**

727F75

**Achromatopsia**

7A7A7A

**Achromatomaly**

777C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727F75 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 #727F75 looks like.

```
.text, #text, p{  
    color:#727F75  
}
```

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 #727F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727F75
}
```

## Border

The CSS property to change the border of an element to Hex 727F75 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
#727F75 }
```

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

```
.border{ border-color:#727F75 }
```

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

Here you see how a box with a 4 pixel #727F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727F75; -webkit-box-shadow:4px 4px  
4px 4px #727F75; box-shadow:4px 4px 4px  
4px #727F75 }
```

# Background

The CSS property to change the background color of an element to Hex 727F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727F75 }
```

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

```
.background{ background-color:#727F75 }
```

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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