

Converting Colors

Hex(727B89)

Have a look what the booklet for
Hex(727B89) contains.

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Color

Hex(727B89)

Conversions

Conversions Part 1

Format	Color
Hex	727B89
RGB	114, 123, 137
RGB Percent	45%, 48%, 54%
CMY	0.5529, 0.5176, 0.4627
CMYK	0.17, 0.10, 0.00, 0.46
HSL	217°, 9%, 49%
HSV	217°, 17%, 54%
XYZ	18.5377, 19.5495, 26.4633
YIQ	121.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

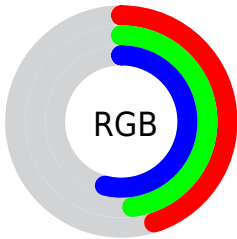
Format	Color
R_{YB}	114, 120, 137
Decimal	7502729
CIE _{Lab}	51.32, -0.23, -8.74
CIE _{LCh}	51, 8.740, 268.516
Yxy	19.5495, 0.2872, 0.3029
Android (android.graphics.Color)	4285692809 (0xFF727B89)
YUV	121.9050, 7.4418, -6.9327
Hunter-Lab	44.2148, -2.5369, -4.5357

Details

The Hex color **727B89** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **898072**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A6AFBE**, and **424A57** is the 20% darker color. If you saturate the color by 10%, you get **647389**, and if you desaturate by 10%, it is **808389**.

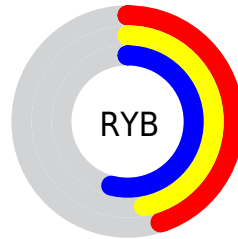
Distribution



Red (45%)

Green (48%)

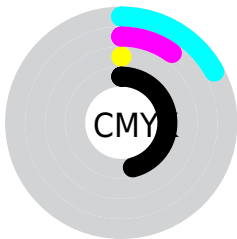
Blue (54%)



Red (45%)

Yellow (47%)

Blue (54%)

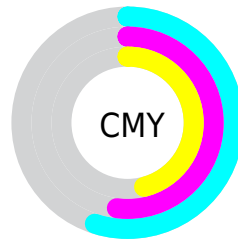


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 727B89 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 727B89 by changing the saturation by 10% instead.

■ 727B89

■ 727B89

FFFFFF

■ 596270

■ A6AFBE

■ 424A57

■ C1CBDA

■ 2B3440

■ DDE7F7

■ 161F2A

■ FAFFFF

■ 000616

■ 000000

■ 727B89

■ 727B89

■ 647389

■ 808389

■ 576A89

■ 8D8C89

■ 496289

■ 9B9489

■ 3B5A89

■ A99C89

■ 2E5189

■ B7A589

■ 204989

■ C4AD89

■ 124189

■ D2B589

■ 043889

■ E0BE89

■ 003689

■ EDC689

Harmonies

Analogous

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



6B7D87



727B89



7B7887

Triad

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



727B89



8A7673



707E72

Complementary

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



727B89



898072

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.



797C6D



727B89



87776E

Square

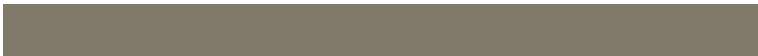
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



727B89



89757B



817A6B



6A7F7A

Rectangle

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



727B89



817784



817A6B



737D70

Sweetspot

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



727B89



AAADB3



728980



545659



D9D9D9



595959

Same Dimension

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



727B89



8F9DB3



747289



3E4145



003485



000205

Inverse Universe

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



89727B



B38F9D



878972



453E41



850034



050002

Previews

White Background



This preview shows how the Hex color 727B89 looks on a white background.

Color Contrast Check

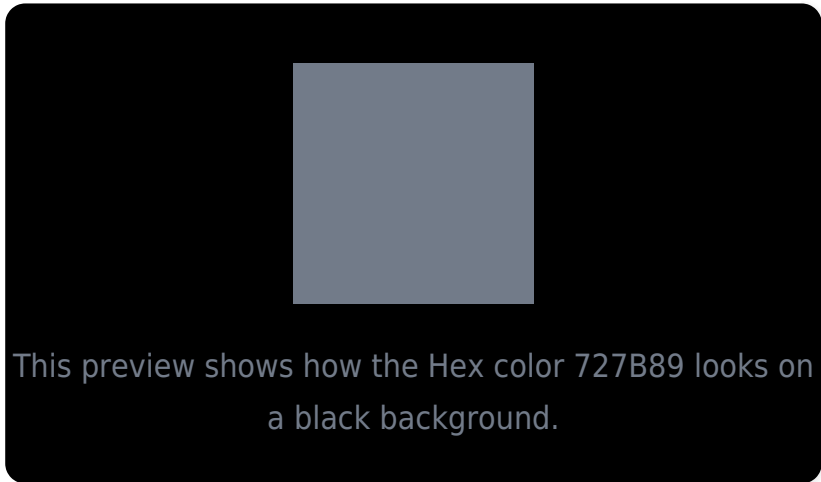
Large Text (above 18pt) WCAG AA ✓ Pass

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

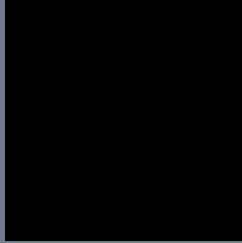
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

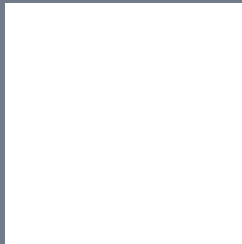
Any Text WCAG AAA × Fail

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

Hex 727B89 Background



This preview shows how black text looks on a background with the Hex color 727B89.



This preview shows how white text looks on a background with the Hex color 727B89.

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

727B89

Protanopia

787988

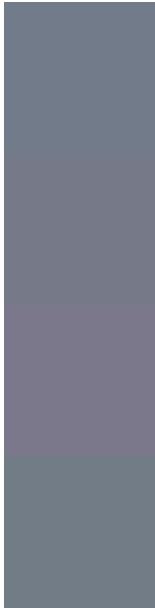
Deuteranopia

7F778A



Tritanopia
717C85

Trichromacy



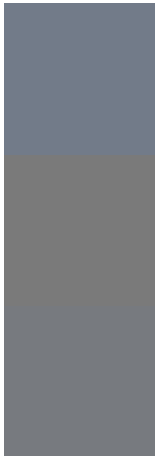
Original Color
727B89

Protanomaly
767A88

Deuteranomaly
7A788A

Tritanomaly
717C86

Monochromacy



Original Color
727B89

Achromatopsia
7A7A7A

Achromatomaly
777A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 727B89 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 #727B89 looks like.

```
.text, #text, p{  
    color:#727B89  
}
```

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 #727B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727B89
}
```

Border

The CSS property to change the border of an element to Hex 727B89 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
#727B89 }
```

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

```
.border{ border-color:#727B89 }
```

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

Here you see how a box with a 4 pixel #727B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727B89; -webkit-box-shadow:4px 4px  
4px 4px #727B89; box-shadow:4px 4px 4px  
4px #727B89 }
```

Background

The CSS property to change the background color of an element to Hex 727B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727B89 }
```

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

```
.background{ background-color:#727B89 }
```

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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