

Converting Colors

Hex(727B93)

Have a look what the booklet for
Hex(727B93) contains.

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Color

Hex(727B93)

Conversions

Conversions Part 1

Format	Color
Hex	727B93
RGB	114, 123, 147
RGB Percent	45%, 48%, 58%
CMY	0.5529, 0.5176, 0.4235
CMYK	0.22, 0.16, 0.00, 0.42
HSL	224°, 13%, 51%
HSV	224°, 22%, 58%
XYZ	19.2888, 19.8499, 30.4185
YIQ	123.0450, -13.0680, 5.5560

Conversions

Conversions Part 2

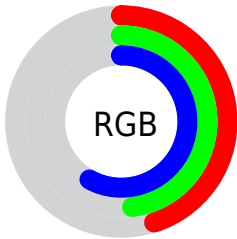
Format	Color
RYB	114, 121, 147
Decimal	7502739
CIELab	51.67, 2.16, -14.08
CIElCh	52, 14.242, 278.720
Yxy	19.8499, 0.2773, 0.2854
Android (android.graphics.Color)	4285692819 (0xFF727B93)
YUV	123.0450, 11.8098, -7.9325
Hunter-Lab	44.5532, -0.6885, -9.2927

Details

The Hex color **727B93** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **938A72**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A6AFC9**, and **414A60** is the 20% darker color. If you saturate the color by 10%, you get **637093**, and if you desaturate by 10%, it is **818693**.

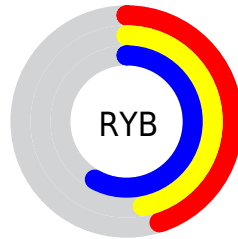
Distribution



Red (45%)

Green (48%)

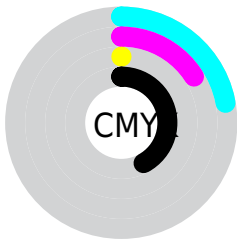
Blue (58%)



Red (45%)

Yellow (47%)

Blue (58%)

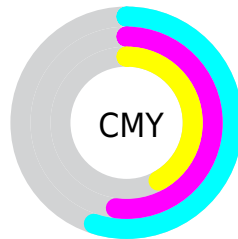


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 727B93 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 727B93 by changing the saturation by 10% instead.

■ 727B93

■ 727B93

FFFFFF

■ 596279

■ A6AFC9

■ 414A60

■ C2CBE5

■ 2A3449

■ DEE7FF

■ 141F32

■ FAFFFF

■ 00061D

■ 000000

■ 727B93

■ 727B93

■ 637093

■ 818693

■ 556693

■ 8F9093

■ 465B93

■ 9E9B93

■ 375093

■ ADA693

■ 294693

■ BBB093

■ 1A3B93

■ CABB93

■ 0B3093

■ D9C693

■ 002893

■ E8D193

■ F6DB93

Harmonies

Analogous

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



637F91



727B93



82778E

Triad

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



727B93



93746C



668172

Complementary

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



727B93



938A72

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.



737F68



727B93



8D7765

Square

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



727B93



947378



817B63



5C827E

Rectangle

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



727B93



8B7588



817B63



6A816E

Sweetspot

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



727B93



B2B6BF



72938A



595B61



E0E0E0



616161

Same Dimension

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



727B93



8C9ABF



797293



43454A



00268A



00030A

Inverse Universe

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



93727B



BF8C9A



8C9372



4A4345



8A0026



0A0003

Previews

White Background



This preview shows how the Hex color 727B93 looks on a white background.

Color Contrast Check

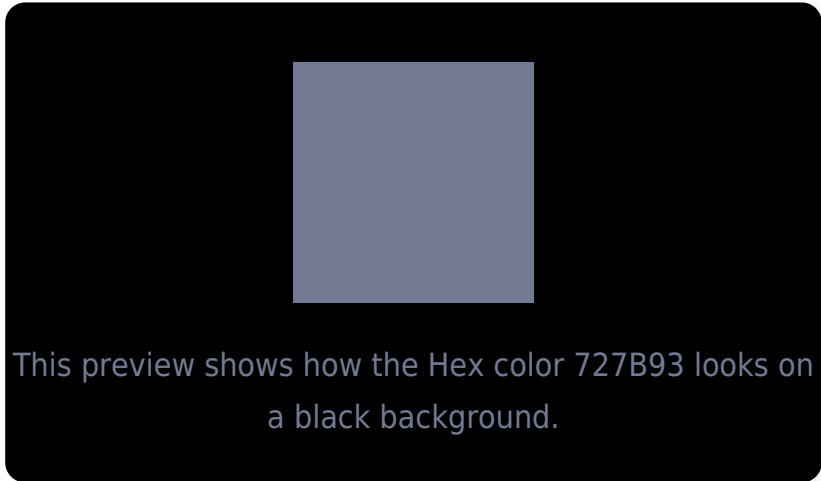
Large Text (above 18pt) WCAG AA ✓ Pass

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

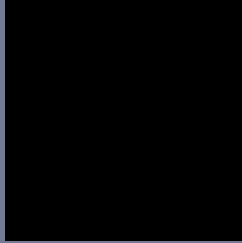
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

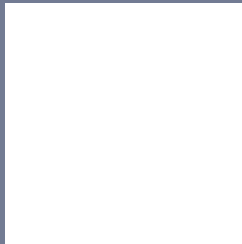
Any Text WCAG AAA × Fail

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

Hex 727B93 Background



This preview shows how black text looks on a background with the Hex color 727B93.



This preview shows how white text looks on a background with the Hex color 727B93.

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

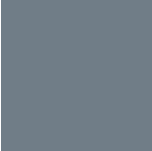
727B93

Protanopia

767A92

Deuteranopia

7B7894



Tritanopia
707D87

Trichromacy



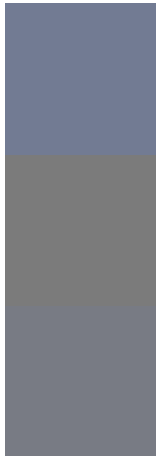
Original Color
727B93

Protanomaly
757A92

Deuteranomaly
787994

Tritanomaly
717C8B

Monochromacy



Original Color
727B93

Achromatopsia
7B7B7B

Achromatomaly
787B84

CSS Examples

Text

The CSS property to change the color of the text to Hex 727B93 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 #727B93 looks like.

```
.text, #text, p{  
    color:#727B93  
}
```

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 #727B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727B93
}
```

Border

The CSS property to change the border of an element to Hex 727B93 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
#727B93 }
```

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

```
.border{ border-color:#727B93 }
```

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

Here you see how a box with a 4 pixel #727B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727B93; -webkit-box-shadow:4px 4px  
4px 4px #727B93; box-shadow:4px 4px 4px  
4px #727B93 }
```

Background

The CSS property to change the background color of an element to Hex 727B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727B93 }
```

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

```
.background{ background-color:#727B93 }
```

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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