

Converting Colors

Hex(717C83)

Have a look what the booklet for
Hex(717C83) contains.

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Color

Hex(717C83)

Conversions

Conversions Part 1

Format	Color
Hex	717C83
RGB	113, 124, 131
RGB Percent	44%, 49%, 51%
CMY	0.5569, 0.5137, 0.4863
CMYK	0.14, 0.05, 0.00, 0.49
HSL	203°, 7%, 48%
HSV	203°, 14%, 51%
XYZ	18.1144, 19.5647, 24.2944
YIQ	121.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

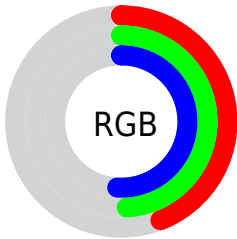
Format	Color
RYB	113, 120, 131
Decimal	7437443
CIELab	51.34, -2.53, -5.20
CIELCh	51, 5.780, 244.088
Yxy	19.5647, 0.2923, 0.3157
Android (android.graphics.Color)	4285627523 (0xFF717C83)
YUV	121.5090, 4.6791, -7.4624
Hunter-Lab	44.2320, -4.3045, -1.6025

Details

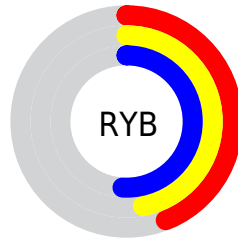
The Hex color **717C83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837871**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A5B0B8**, and **414B52** is the 20% darker color. If you saturate the color by 10%, you get **647783**, and if you desaturate by 10%, it is **7E8183**.

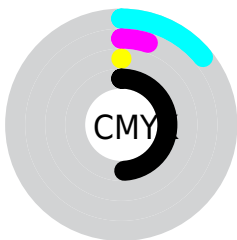
Distribution



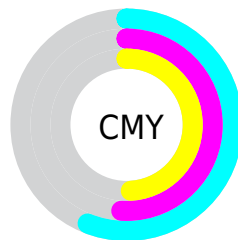
- Red (44%)
- Green (49%)
- Blue (51%)



- Red (44%)
- Yellow (47%)
- Blue (51%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717C83 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 717C83 by changing the saturation by 10% instead.

■ 717C83

■ 717C83

FFFFFF

■ 58636A

■ A5B0B8

■ 414B52

■ C0CCD4

■ 2B353B

■ DCE8F0

■ 162025

■ F9FFFF

■ 000710

■ 000000

■ 717C83

■ 717C83

■ 647783

■ 7E8183

■ 577283

■ 8B8683

■ 4A6D83

■ 988B83

■ 3D6883

■ A59083

■ 2F6383

■ B39583

■ 225D83

■ C09B83

■ 155883

■ CDA083

■ 085383

■ DAA583

■ 005083

■ E7AA83

Harmonies

Analogous

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



6E7D80



717C83



767A84

Triad

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



717C83



85777A



787C72

Complementary

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



717C83



837871

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.



7E7A71



717C83



857775

Square

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



717C83



82787F



837972



737D76

Rectangle

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



717C83



7A7983



837972



7A7B71

Sweetspot

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



717C83



A4A8AB



718378



525557



D6D6D6



575757

Same Dimension

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



717C83



90A0AB



717383



3C4042



004F82



000203

Inverse Universe

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



83717C



AB90A0



838171



423C40



82004F



030002

Previews

White Background



This preview shows how the Hex color 717C83 looks on a white background.

Color Contrast Check

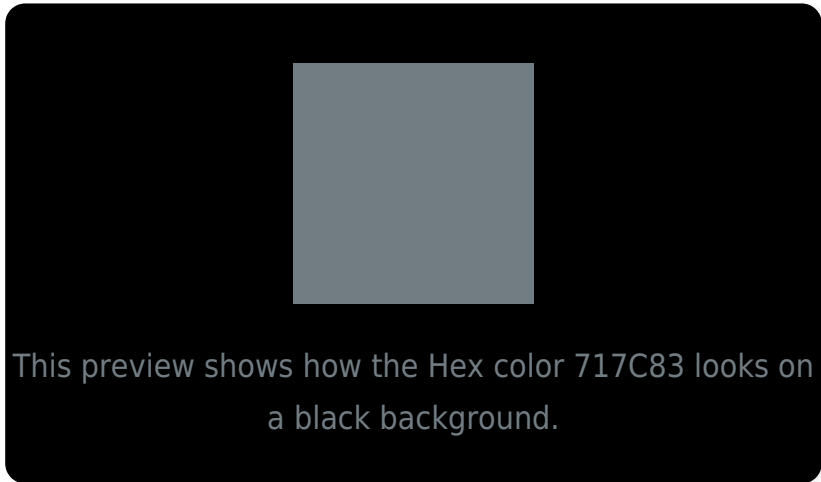
Large Text (above 18pt) WCAG AA ✓ Pass

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

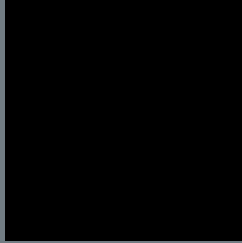
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

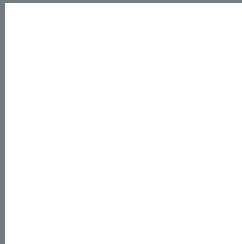
Any Text WCAG AAA × Fail

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

Hex 717C83 Background



This preview shows how black text looks on a background with the Hex color 717C83.



This preview shows how white text looks on a background with the Hex color 717C83.

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
717C83

Protanopia
7A7981

Deuteranopia
817784



Tritanopia
717C85

Trichromacy



Original Color
717C83

Protanomaly
777A82

Deuteranomaly
7B7984

Tritanomaly
717C84

Monochromacy



Original Color
717C83

Achromatopsia
7A7A7A

Achromatomaly
777B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 717C83 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 #717C83 looks like.

```
.text, #text, p{  
    color:#717C83  
}
```

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 #717C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717C83
}
```

Border

The CSS property to change the border of an element to Hex 717C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

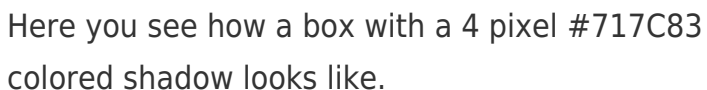
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717C83 }
```

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

```
.border{ border-color:#717C83 }
```

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



Here you see how a box with a 4 pixel #717C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717C83; -webkit-box-shadow:4px 4px  
4px 4px #717C83; box-shadow:4px 4px 4px  
4px #717C83 }
```

Background

The CSS property to change the background color of an element to Hex 717C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717C83 }
```

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

```
.background{ background-color:#717C83 }
```

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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