

# Converting Colors

Hex(717185)

Have a look what the booklet for  
Hex(717185) contains.

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# Color

Hex(717185)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	717185
RGB	113, 113, 133
RGB Percent	44%, 44%, 52%
CMY	0.5569, 0.5569, 0.4784
CMYK	0.15, 0.15, 0.00, 0.48
HSL	240°, 8%, 48%
HSV	240°, 15%, 52%
XYZ	16.9488, 17.0144, 24.5811
YIQ	115.2800, -6.4200, 6.2200

# Conversions

## Conversions Part 2

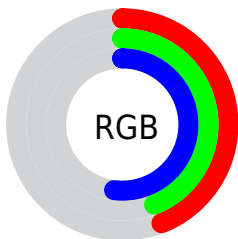
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 113, 133
Decimal	7434629
CIE Lab	48.28, 4.37, -10.96
CIE LCh	48, 11.795, 291.740
Yxy	17.0144, 0.2895, 0.2906
Android (android.graphics.Color)	4285624709 (0xFF717185)
YUV	115.2800, 8.7360, -1.9996
Hunter-Lab	41.2485, 1.1598, -6.4585

# Details

The Hex color **717185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **858571**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A5A5BA**, and **414153** is the 20% darker color. If you saturate the color by 10%, you get **646485**, and if you desaturate by 10%, it is **7E7E85**.

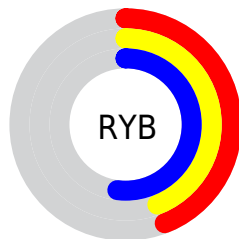
# Distribution



Red (44%)

Green (44%)

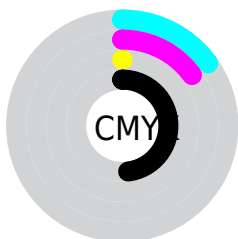
Blue (52%)



Red (44%)

Yellow (44%)

Blue (52%)

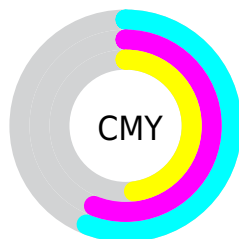


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (56%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717185 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 717185 by changing the saturation by 10% instead.



■ 717185

■ 717185

FFFFFF

■ 58596C

■ A5A5BA

■ 414153

■ C0C0D6

■ 2B2B3C

■ DCDCF2

■ 161727

■ F9F8FF

■ 000112

■ 000000

■ 717185

■ 717185

■ 646485

■ 7E7E85

■ 565685

■ 8C8C85

494985

999985

3C3C85

A6A685

2E2E85

B4B485

212185

C1C185

141485

CECE85

070785

DBDB85

000085

E9E985

# Harmonies

## Analogous

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



647486



717185



7D6E7F

# Triad

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



717185



856E63



5E786F

# Complementary

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



717185



858571

# 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.



677766



717185



7D715F

# Square

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



717185



886C6C



737460



59787A

# Rectangle

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



717185



836C79



737460



60786C



# Sweetspot

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



717185



A5A5AD



718585



515157



D6D6D6



575757



# Same Dimension

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



717185



8E8EAD



7B7185



3C3C42



000082



000003



# Inverse Universe

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



857185



AD8EAD



7B8571



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 717185 looks on a white background.

## Color Contrast Check

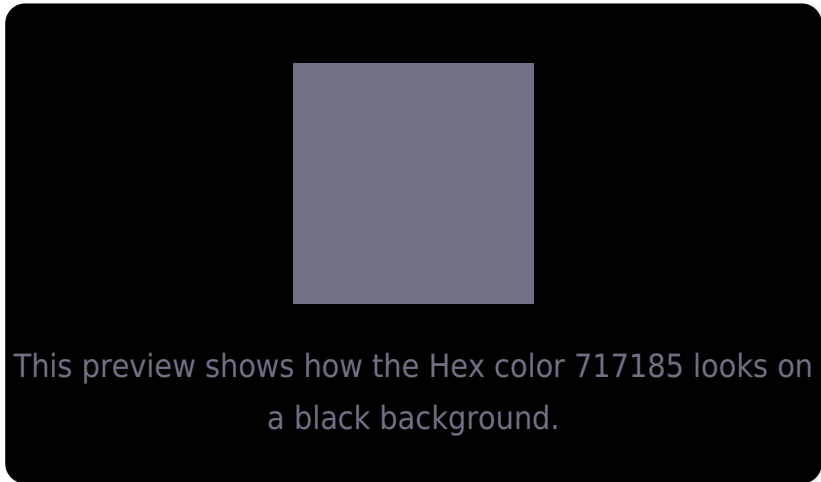
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

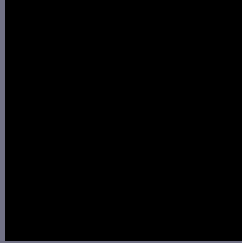
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

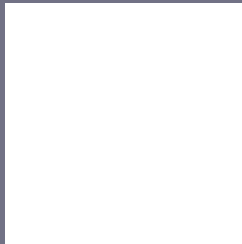
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 717185 Background



This preview shows how black text looks on a background with the Hex color 717185.



This preview shows how white text looks on a background with the Hex color 717185.

# 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**  
717185

**Protanopia**  
6F285

**Deuteranopia**  
757085



**Tritanopia**  
6F737C

# Trichromacy



**Original Color**  
717185

**Protanomaly**  
707285

**Deuteranomaly**  
747085

**Tritanomaly**  
70727F

# Monochromacy



**Original Color**  
717185

**Achromatopsia**  
737373

**Achromatomaly**  
72727A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717185 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 #717185 looks like.

```
.text, #text, p{  
    color:#717185  
}
```

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 #717185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717185
}
```

## Border

The CSS property to change the border of an element to Hex 717185 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
#717185 }
```

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

```
.border{ border-color:#717185 }
```

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

Here you see how a box with a 4 pixel #717185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717185; -webkit-box-shadow:4px 4px  
4px 4px #717185; box-shadow:4px 4px 4px  
4px #717185 }
```

# Background

The CSS property to change the background color of an element to Hex 717185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717185 }
```

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

```
.background{ background-color:#717185 }
```

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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