

Converting Colors

Hex(737581)

Have a look what the booklet for
Hex(737581) contains.

Hex(737581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(737581)

Conversions

Conversions Part 1

Format	Color
Hex	737581
RGB	115, 117, 129
RGB Percent	45%, 46%, 51%
CMY	0.5490, 0.5412, 0.4941
CMYK	0.11, 0.09, 0.00, 0.49
HSL	231°, 6%, 48%
HSV	231°, 11%, 51%
XYZ	17.3940, 17.9524, 23.3173
YIQ	117.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

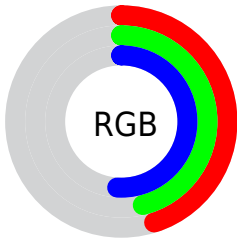
Format	Color
R_{YB}	115, 117, 129
Decimal	7566721
CIE Lab	49.44, 1.81, -6.83
CIE LCh	49, 7.068, 284.846
Yxy	17.9524, 0.2965, 0.3060
Android (android.graphics.Color)	4285756801 (0xFF737581)
YUV	117.7700, 5.5364, -2.4293
Hunter-Lab	42.3703, -0.8696, -2.9694

Details

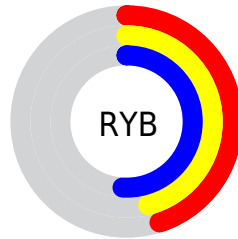
The Hex color **737581** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **817F73**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A7A9B6**, and **434550** is the 20% darker color. If you saturate the color by 10%, you get **666A81**, and if you desaturate by 10%, it is **808081**.

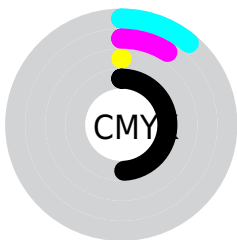
Distribution



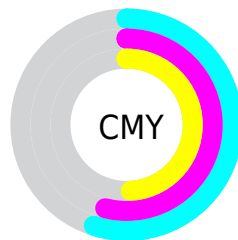
- Red (45%)
- Green (46%)
- Blue (51%)



- Red (45%)
- Yellow (46%)
- Blue (51%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737581 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 737581 by changing the saturation by 10% instead.

■ 737581

■ 737581

FFFFFF

■ 5A5C68

■ A7A9B6

■ 434550

■ C2C4D1

■ 2D2F39

■ DEE0EE

■ 181A23

■ FBFDFD

■ 00010E

■ 000000

■ 737581

■ 737581

■ 666A81

■ 808081

■ 595F81

■ 8D8B81

■ 4C5481

■ 9A9681

■ 3F4981

■ A7A181

■ 333E81

■ B3AC81

■ 263381

■ C0B781

■ 192881

■ CDC281

■ 0C1D81

■ DACD81

■ 001281

■ E7D981

Harmonies

Analogous

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



6C7781



737581



7A737E

Triad

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



737581



82726D



6A7972

Complementary

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



737581



817F73

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.



70786D



737581



7E746A

Square

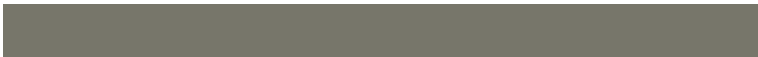
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



737581



837273



77766A



677978

Rectangle

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



737581



7E727B



77766A



6C7970

Sweetspot

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



737581



A3A4A8



73817F



515154



D4D4D4



545454

Same Dimension

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



737581



9296A8



787381



393A40



001280



000000

Inverse Universe

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



817375



A89296



7C8173



40393A



800012



000000

Previews

White Background



This preview shows how the Hex color 737581 looks on a white background.

Color Contrast Check

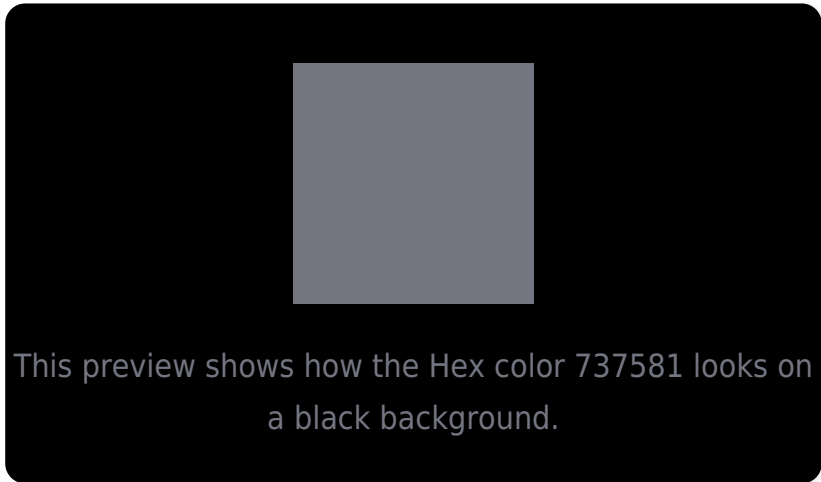
Large Text (above 18pt) WCAG AA ✓ Pass

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

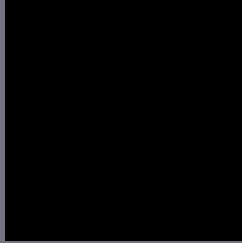
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

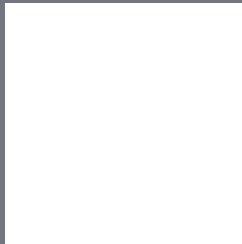
Any Text WCAG AAA × Fail

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

Hex 737581 Background



This preview shows how black text looks on a background with the Hex color 737581.



This preview shows how white text looks on a background with the Hex color 737581.

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


737581

Protanopia

747581

Deuteranopia

7B7282



Tritanopia
73757F

Trichromacy



Original Color
737581

Protanomaly
747581

Deuteranomaly
787382

Tritanomaly
737580

Monochromacy



Original Color
737581

Achromatopsia
767676

Achromatomaly
75767A

CSS Examples

Text

The CSS property to change the color of the text to Hex 737581 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 #737581 looks like.

```
.text, #text, p{  
    color:#737581  
}
```

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 #737581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737581
}
```

Border

The CSS property to change the border of an element to Hex 737581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

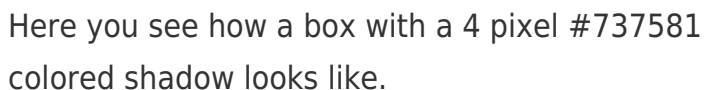
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#737581 }
```

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

```
.border{ border-color:#737581 }
```

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



Here you see how a box with a 4 pixel #737581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737581; -webkit-box-shadow:4px 4px  
4px 4px #737581; box-shadow:4px 4px 4px  
4px #737581 }
```

Background

The CSS property to change the background color of an element to Hex 737581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737581 }
```

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

```
.background{ background-color:#737581 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor