

Converting Colors

Hex(737F71)

Have a look what the booklet for
Hex(737F71) contains.

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Color

Hex(737F71)

Conversions

Conversions Part 1

Format	Color
Hex	737F71
RGB	115, 127, 113
RGB Percent	45%, 50%, 44%
CMY	0.5490, 0.5020, 0.5569
CMYK	0.09, 0.00, 0.11, 0.50
HSL	111°, 6%, 47%
HSV	111°, 11%, 50%
XYZ	17.6402, 20.0158, 18.5565
YIQ	121.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

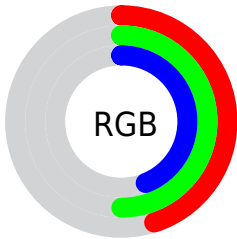
Format	Color
R_{YB}	113, 127, 125
Decimal	7569265
CIE Lab	51.86, -7.27, 6.11
CIE LCh	52, 9.496, 139.985
Yxy	20.0158, 0.3138, 0.3561
Android (android.graphics.Color)	4285759345 (0xFF737F71)
YUV	121.8160, -4.3463, -5.9776
Hunter-Lab	44.7391, -7.9123, 6.7255

Details

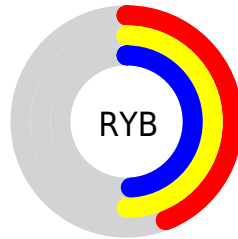
The Hex color **737F71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D717F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A7B4A5**, and **434E41** is the 20% darker color. If you saturate the color by 10%, you get **687F64**, and if you desaturate by 10%, it is **7E7F7E**.

Distribution



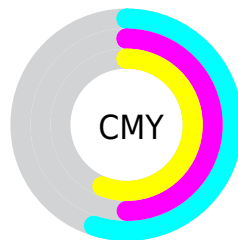
- Red (45%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (49%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737F71 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 737F71 by changing the saturation by 10% instead.

■ 737F71

■ 737F71

FFFFFF

■ 5A6659

■ A7B4A5

■ 434E41

■ C2CFC0

■ 2D372B

■ DEEBDC

■ 182217

■ FBFFF8

■ 000C00

■ 000000

■ 737F71

■ 737F71

■ 687F64

■ 7E7F7E

■ 5D7F58

■ 897F8A

■ 527F4B

■ 947F97

■ 477F3E

■ 9F7FA4

■ 3D7F31

■ A97FB1

■ 327F25

■ B47FBD

■ 277F18

■ BF7FCA

■ 1C7F0B

■ CA7FD7

■ 127F00

■ D57FE3

Harmonies

Analogous

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



7C7D6C



737F71



6B8079

Triad

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



737F71



707D8B



8D7676

Complementary

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



737F71



7D717F

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.



8B767F



737F71



7A7A8B

Square

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



737F71



697F88



847886



8B786F

Rectangle

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



737F71



68807E



847886



8D7679

Sweetspot

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



737F71



A1A6A1



7F7D71



515451



D4D4D4



545454

Same Dimension

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



737F71



93A690



717F76



3A4039



128000



000000

Inverse Universe

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



7D717F



A390A6



7F717A



3F3940



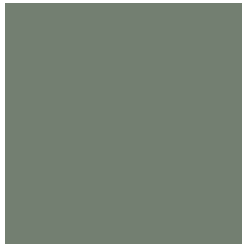
6D0080



000000

Previews

White Background



This preview shows how the Hex color 737F71 looks on a white background.

Color Contrast Check

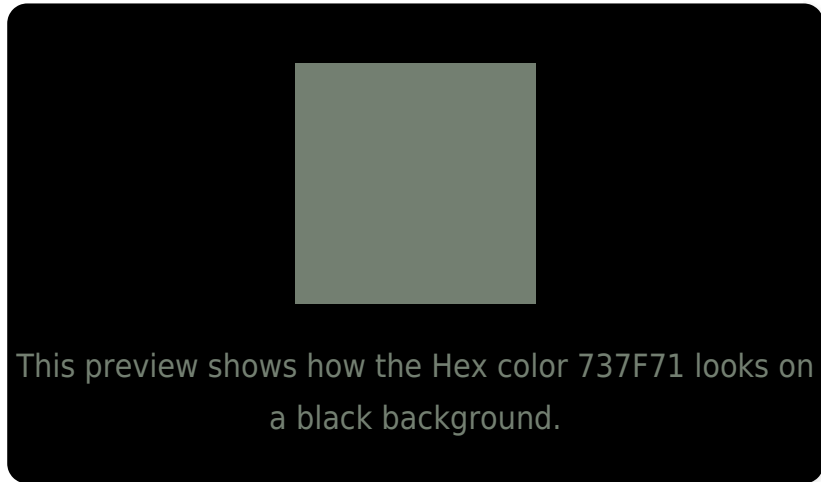
Large Text (above 18pt) WCAG AA ✓ Pass

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

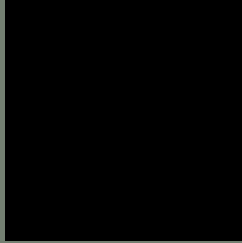
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

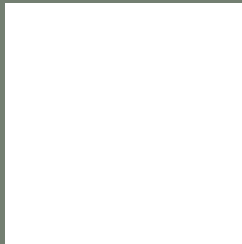
Any Text WCAG AAA × Fail

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

Hex 737F71 Background



This preview shows how black text looks on a background with the Hex color 737F71.



This preview shows how white text looks on a background with the Hex color 737F71.

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](#).

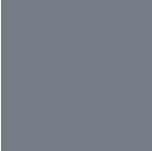
Dichromacy



Original Color
737F71

Protanopia
817B6F

Deuteranopia
8B7773



Tritanopia
767C86

Trichromacy



Original Color
737F71

Protanomaly
7C7C70

Deuteranomaly
827A72

Tritanomaly
757D7E

Monochromacy



Original Color
737F71

Achromatopsia
7A7A7A

Achromatomaly
777C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 737F71 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 #737F71 looks like.

```
.text, #text, p{  
    color:#737F71  
}
```

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 #737F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737F71
}
```

Border

The CSS property to change the border of an element to Hex 737F71 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
#737F71 }
```

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

```
.border{ border-color:#737F71 }
```

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

Here you see how a box with a 4 pixel #737F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737F71; -webkit-box-shadow:4px 4px  
4px 4px #737F71; box-shadow:4px 4px 4px  
4px #737F71 }
```

Background

The CSS property to change the background color of an element to Hex 737F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737F71 }
```

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

```
.background{ background-color:#737F71 }
```

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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