

Converting Colors

Hex(707687)

Have a look what the booklet for
Hex(707687) contains.

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Color

Hex(707687)

Conversions

Conversions Part 1

Format	Color
Hex	707687
RGB	112, 118, 135
RGB Percent	44%, 46%, 53%
CMY	0.5608, 0.5373, 0.4706
CMYK	0.17, 0.13, 0.00, 0.47
HSL	224°, 9%, 48%
HSV	224°, 17%, 53%
XYZ	17.5337, 18.1509, 25.5010
YIQ	118.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

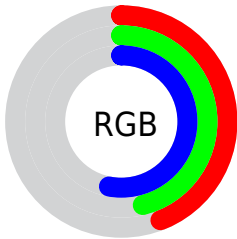
Format	Color
R _Y B	112, 117, 135
Decimal	7370375
CIE Lab	49.68, 1.53, -10.04
CIE LCh	50, 10.158, 278.681
Yxy	18.1509, 0.2866, 0.2967
Android (android.graphics.Color)	4285560455 (0xFF707687)
YUV	118.1440, 8.3100, -5.3883
Hunter-Lab	42.6039, -1.0947, -5.6660

Details

The Hex color **707687** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **878170**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A4AABC**, and **404655** is the 20% darker color. If you saturate the color by 10%, you get **636C87**, and if you desaturate by 10%, it is **7E8087**.

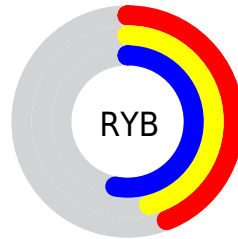
Distribution



Red (44%)

Green (46%)

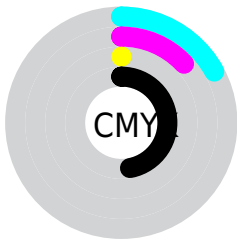
Blue (53%)



Red (44%)

Yellow (46%)

Blue (53%)

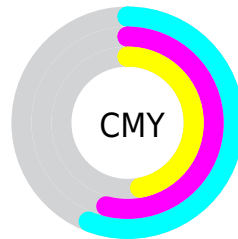


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707687 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 707687 by changing the saturation by 10% instead.

■ 707687

■ 707687

FFFFFF

■ 575D6E

■ A4AABC

■ 404655

■ BFC5D8

■ 2A303E

■ DBE1F4

■ 151B28

■ F8FEFF

■ 000114

■ 000000

■ 707687

■ 707687

■ 636C87

■ 7E8087

■ 556287

■ 8B8A87

■ 485887

■ 999487

■ 3A4E87

■ A69E87

■ 2D4487

■ B3A887

■ 1F3A87

■ C1B287

■ 123087

■ CFBC87

■ 042687

■ DCC687

■ 002387

■ EAD087

Harmonies

Analogous

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



667986



707687



7B7384

Triad

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



707687



88716C



677B70

Complementary

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



707687



878170

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.



717969



707687



837366

Square

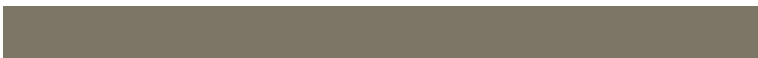
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



707687



887074



7B7665



617B78

Rectangle

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



707687



81727F



7B7665



6A7A6D

Sweetspot

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



707687



A7A9B0



708781



545559



D9D9D9



595959

Same Dimension

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



707687



8D96B0



757087



3C3D42



002282



000103

Inverse Universe

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



877076



B08D96



828770



423C3D



820022



030001

Previews

White Background



This preview shows how the Hex color 707687 looks on a white background.

Color Contrast Check

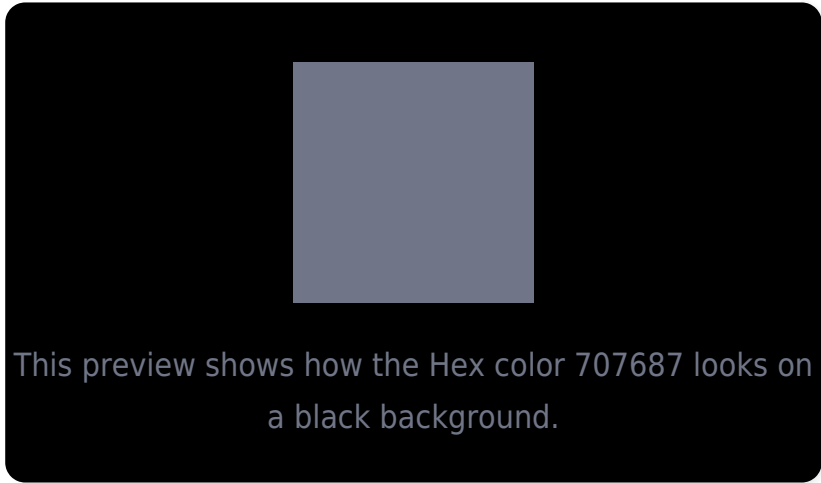
Large Text (above 18pt) WCAG AA ✓ Pass

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

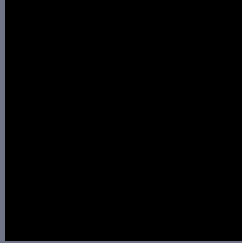
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

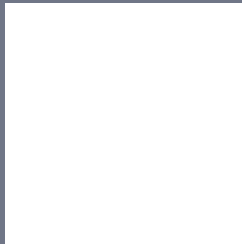
Any Text WCAG AAA × Fail

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

Hex 707687 Background



This preview shows how black text looks on a background with the Hex color 707687.



This preview shows how white text looks on a background with the Hex color 707687.

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
707687

Protanopia
737586

Deuteranopia
797388



Tritanopia
6F7781

Trichromacy



Original Color
707687

Protanomaly
727586

Deuteranomaly
767488

Tritanomaly
6F7783

Monochromacy



Original Color
707687

Achromatopsia
767676

Achromatomaly
74767C

CSS Examples

Text

The CSS property to change the color of the text to Hex 707687 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 #707687 looks like.

```
.text, #text, p{  
    color:#707687  
}
```

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 #707687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707687
}
```

Border

The CSS property to change the border of an element to Hex 707687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

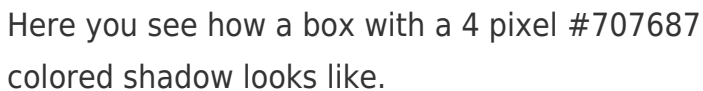
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#707687 }
```

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

```
.border{ border-color:#707687 }
```

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



Here you see how a box with a 4 pixel #707687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707687; -webkit-box-shadow:4px 4px  
4px 4px #707687; box-shadow:4px 4px 4px  
4px #707687 }
```

Background

The CSS property to change the background color of an element to Hex 707687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707687 }
```

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

```
.background{ background-color:#707687 }
```

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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