

Converting Colors

Hex(747087)

Have a look what the booklet for
Hex(747087) contains.

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Color

Hex(747087)

Conversions

Conversions Part 1

Format	Color
Hex	747087
RGB	116, 112, 135
RGB Percent	45%, 44%, 53%
CMY	0.5451, 0.5608, 0.4706
CMYK	0.14, 0.17, 0.00, 0.47
HSL	250°, 9%, 48%
HSV	250°, 17%, 53%
XYZ	17.3698, 17.0506, 25.2973
YIQ	115.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

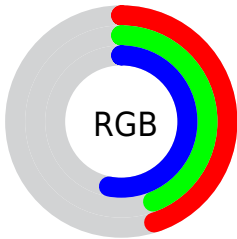
Format	Color
R_{YB}	116, 112, 135
Decimal	7630983
CIE Lab	48.32, 6.48, -12.05
CIE LCh	48, 13.682, 298.285
Yxy	17.0506, 0.2909, 0.2855
Android (android.graphics.Color)	4285821063 (0xFF747087)
YUV	115.8180, 9.4567, 0.1596
Hunter-Lab	41.2924, 2.8250, -7.4186

Details

The Hex color **747087** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **838770**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A8A4BC**, and **444055** is the 20% darker color. If you saturate the color by 10%, you get **696387**, and if you desaturate by 10%, it is **7F7E87**.

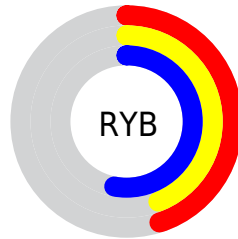
Distribution



Red (45%)

Green (44%)

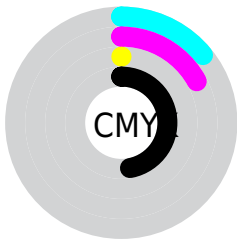
Blue (53%)



Red (45%)

Yellow (44%)

Blue (53%)

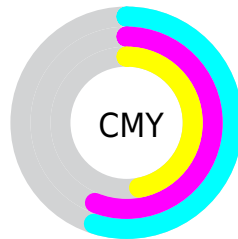


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747087 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 747087 by changing the saturation by 10% instead.

■ 747087

■ 747087

FFFFFF

■ 5B586E

■ A8A4BC

■ 444055

■ C3BFD8

■ 2D2A3E

■ DFDBF4

■ 181628

■ FCF7FF

■ 000114

■ 000000

■ 747087

■ 747087

■ 696387

■ 7F7E87

■ 5E5587

■ 8A8B87

■ 534887

■ 959987

■ 473A87

■ A1A687

■ 3C2D87

■ ACB387

■ 311F87

■ B7C187

■ 261287

■ C2CF87

■ 1B0487

■ CDDC87

■ 170087

■ D8EA87

Harmonies

Analogous

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



65748A



747087



816D7F

Triad

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



747087



866E5F



587972

Complementary

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



747087



838770

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.



637866



747087



7C725C

Square

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



747087



8B6B68



70755E



54797D

Rectangle

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



747087



876B78



70755E



5B796E

Sweetspot

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



747087



A9A7B0



708387



555459



D9D9D9



595959

Same Dimension

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



747087



938DB0



7F7087



3D3C42



170082



000003

Inverse Universe

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



877083



B08DAA



788770



423C41



82006B



030002

Previews

White Background



This preview shows how the Hex color 747087 looks on a white background.

Color Contrast Check

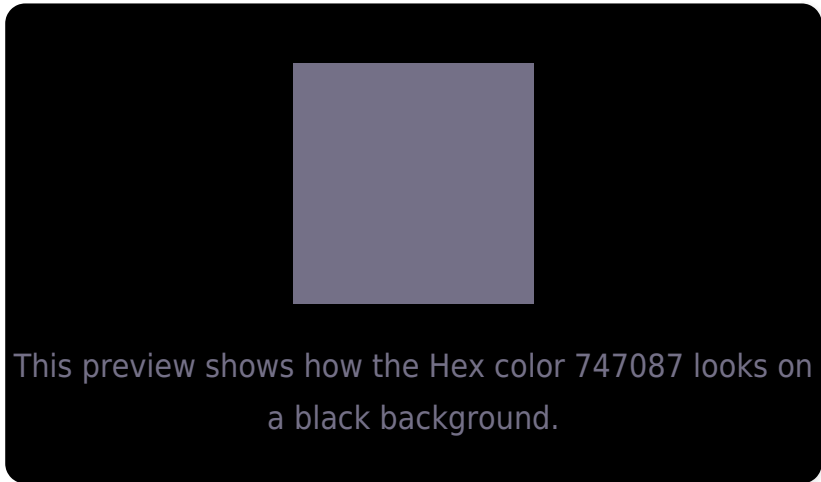
Large Text (above 18pt) WCAG AA ✓ Pass

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

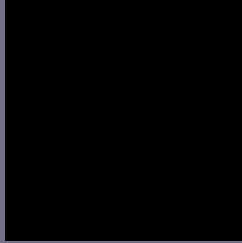
Any Text WCAG AA × Fail

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 747087 Background



This preview shows how black text looks on a background with the Hex color 747087.



This preview shows how white text looks on a background with the Hex color 747087.

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
747087

Protanopia
6E7288

Deuteranopia
747087



Tritanopia
72727B

Trichromacy



Original Color

747087

Protanomaly

707188

Deuteranomaly

747087

Tritanomaly

73717F

Monochromacy



Original Color

747087

Achromatopsia

747474

Achromatomaly

74737B

CSS Examples

Text

The CSS property to change the color of the text to Hex 747087 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 #747087 looks like.

```
.text, #text, p{  
    color:#747087  
}
```

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 #747087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747087
}
```

Border

The CSS property to change the border of an element to Hex 747087 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
#747087 }
```

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

```
.border{ border-color:#747087 }
```

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

Here you see how a box with a 4 pixel #747087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747087; -webkit-box-shadow:4px 4px  
4px 4px #747087; box-shadow:4px 4px 4px  
4px #747087 }
```

Background

The CSS property to change the background color of an element to Hex 747087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747087 }
```

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

```
.background{ background-color:#747087 }
```

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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