

Converting Colors

Hex(747876)

Have a look what the booklet for
Hex(747876) contains.

Hex(747876)	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(747876)

Conversions

Conversions Part 1

Format	Color
Hex	747876
RGB	116, 120, 118
RGB Percent	45%, 47%, 46%
CMY	0.5451, 0.5294, 0.5373
CMYK	0.03, 0.00, 0.02, 0.53
HSL	150°, 2%, 46%
HSV	150°, 3%, 47%
XYZ	17.1889, 18.4540, 19.7956
YIQ	118.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

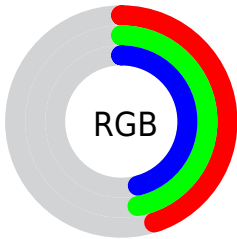
Format	Color
R_{YB}	116, 119, 120
Decimal	7633014
CIE Lab	50.04, -1.91, 0.57
CIE LCh	50, 1.993, 163.532
Yxy	18.4540, 0.3101, 0.3329
Android (android.graphics.Color)	4285823094 (0xFF747876)
YUV	118.5760, -0.2840, -2.2592
Hunter-Lab	42.9581, -3.7528, 2.7492

Details

The Hex color **747876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787476**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A8ACAA**, and **444846** is the 20% darker color. If you saturate the color by 10%, you get **687870**, and if you desaturate by 10%, it is **80787C**.

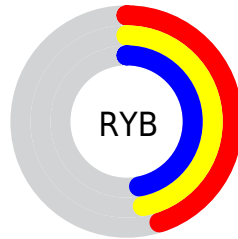
Distribution



Red (45%)

Green (47%)

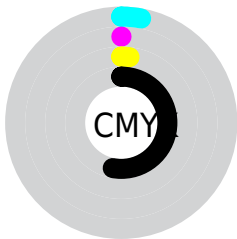
Blue (46%)



Red (45%)

Yellow (47%)

Blue (47%)

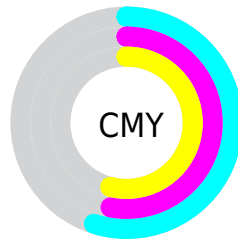


Cyan (3%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747876 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 747876 by changing the saturation by 10% instead.

■ 747876

■ 747876

FFFFFF

■ 5B5F5D

■ A8ACAA

■ 444846

■ C3C8C5

■ 2E3130

■ DFE4E1

■ 191C1B

■ FCFFE

■ 000000

■ 747876

■ 747876

■ 687870

■ 80787C

■ 5C786A

■ 8C7882

■ 507864

■ 987888

■ 44785E

■ A4788E

■ 387858

■ B07894

■ 2C7852

■ BC789A

■ 20784C

■ C878A0

■ 147846

■ D478A6

■ 087840

■ E078AC

Harmonies

Analogous

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



767875



747876



737878

Triad

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



747876



76777A



7B7675

Complementary

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



747876



787476

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.



7B7676



747876



787679

Square

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



747876



74777A



7A7678



797774

Rectangle

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



747876



737879



7A7678



7B7675

Sweetspot

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



747876



9A9C9B



767874



4E4F4F



CFCFCF



4F4F4F

Same Dimension

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



747876



959C98



747878



3A3D3C



007D3E



00FC7E

Inverse Universe

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



787476



9C9598



787474



3D3A3C



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 747876 looks on a white background.

Color Contrast Check

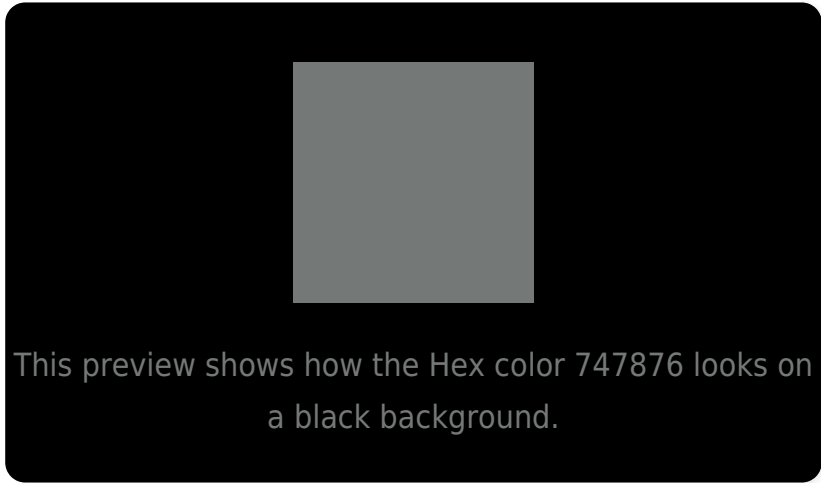
Large Text (above 18pt) WCAG AA ✓ Pass

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

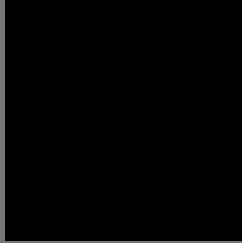
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

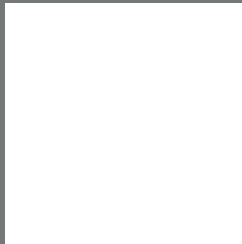
Any Text WCAG AAA × Fail

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

Hex 747876 Background



This preview shows how black text looks on a background with the Hex color 747876.



This preview shows how white text looks on a background with the Hex color 747876.

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
747876

Protanopia
797675

Deuteranopia
827377



Tritanopia
767680

Trichromacy



Original Color

747876

Protanomaly

777775

Deuteranomaly

7D7577

Tritanomaly

75777C

Monochromacy



Original Color

747876

Achromatopsia

777777

Achromatomaly

767777

CSS Examples

Text

The CSS property to change the color of the text to Hex 747876 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 #747876 looks like.

```
.text, #text, p{  
    color:#747876  
}
```

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 #747876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747876
}
```

Border

The CSS property to change the border of an element to Hex 747876 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
#747876 }
```

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

```
.border{ border-color:#747876 }
```

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

Here you see how a box with a 4 pixel #747876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747876; -webkit-box-shadow:4px 4px  
4px 4px #747876; box-shadow:4px 4px 4px  
4px #747876 }
```

Background

The CSS property to change the background color of an element to Hex 747876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747876 }
```

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

```
.background{ background-color:#747876 }
```

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