

Converting Colors

Hex(747676)

Have a look what the booklet for
Hex(747676) contains.

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Color

Hex(747676)

Conversions

Conversions Part 1

Format	Color
Hex	747676
RGB	116, 118, 118
RGB Percent	45%, 46%, 46%
CMY	0.5451, 0.5373, 0.5373
CMYK	0.02, 0.00, 0.00, 0.54
HSL	180°, 1%, 46%
HSV	180°, 2%, 46%
XYZ	16.9509, 17.9779, 19.7162
YIQ	117.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

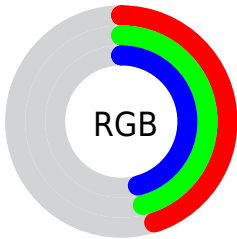
Format	Color
R _Y B	116, 117, 118
Decimal	7632502
CIE Lab	49.47, -0.75, -0.27
CIE LCh	49, 0.801, 199.784
Yxy	17.9779, 0.3102, 0.3290
Android (android.graphics.Color)	4285822582 (0xFF747676)
YUV	117.4020, 0.2948, -1.2296
Hunter-Lab	42.4003, -2.8394, 2.1103

Details

The Hex color **747676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767474**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A8AAAA**, and **444646** is the 20% darker color. If you saturate the color by 10%, you get **687676**, and if you desaturate by 10%, it is **807676**.

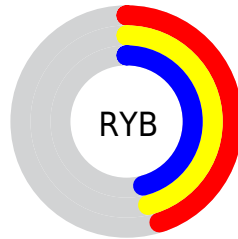
Distribution



Red (45%)

Green (46%)

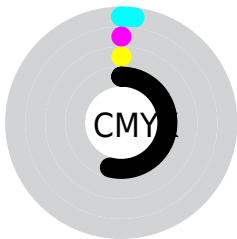
Blue (46%)



Red (45%)

Yellow (46%)

Blue (46%)

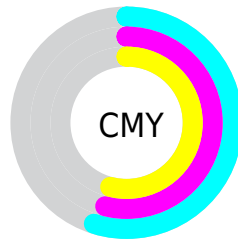


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747676 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 747676 by changing the saturation by 10% instead.

■ 747676

■ 747676

FFFFFF

■ 5B5D5D

■ A8AAAA

■ 444646

■ C3C5C5

■ 2E3030

■ DFE1E1

■ 191B1B

■ FCFEFE

■ 000000

■ 747676

■ 747676

■ 687676

■ 807676

■ 5C7676

■ 8C7676

■ 517676

■ 977676

■ 457676

■ A37676

■ 397676

■ AF7676

■ 2D7676

■ BB7676

■ 217676

■ C77676

■ 167676

■ D27676

■ 0A7676

■ DE7676

Harmonies

Analogous

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



747675



747676



747677

Triad

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



747676



767576



767574

Complementary

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



747676



767474

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.



777575



747676



777576

Square

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



747676



757577



777575



767674

Rectangle

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



747676



747677



777575



777574

Sweetspot

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



747676



979999



747674



4C4D4D



CCCCCC



4D4D4D

Same Dimension

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



747676



969999



747576



393B3B



007A7A



00FAFA

Inverse Universe

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



767476



999699



767574



3B393B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 747676 looks on a white background.

Color Contrast Check

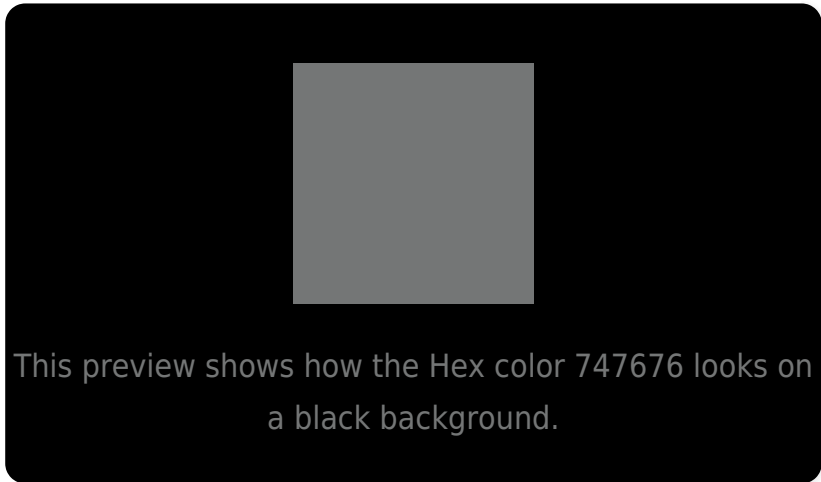
Large Text (above 18pt) WCAG AA ✓ Pass

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

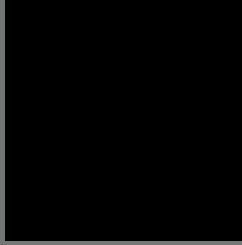
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

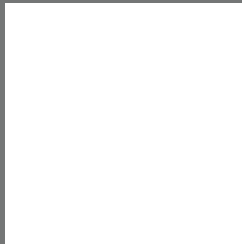
Any Text WCAG AAA × Fail

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

Hex 747676 Background



This preview shows how black text looks on a background with the Hex color 747676.



This preview shows how white text looks on a background with the Hex color 747676.

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

747676

Protanopia

787575

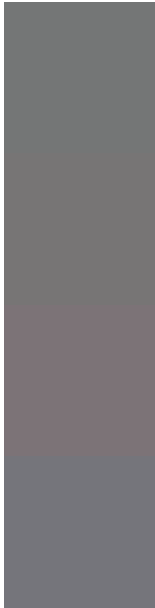
Deuteranopia

807277



Tritanopia
75757E

Trichromacy



Original Color

746766

Protanomaly

777575

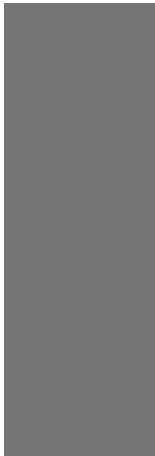
Deuteranomaly

7C7377

Tritanomaly

75757B

Monochromacy



Original Color

746766

Achromatopsia

757575

Achromatomaly

757575

CSS Examples

Text

The CSS property to change the color of the text to Hex 747676 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 #747676 looks like.

```
.text, #text, p{  
    color:#747676  
}
```

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 #747676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747676
}
```

Border

The CSS property to change the border of an element to Hex 747676 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
#747676 }
```

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

```
.border{ border-color:#747676 }
```

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

Here you see how a box with a 4 pixel #747676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747676; -webkit-box-shadow:4px 4px  
4px 4px #747676; box-shadow:4px 4px 4px  
4px #747676 }
```

Background

The CSS property to change the background color of an element to Hex 747676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747676 }
```

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

```
.background{ background-color:#747676 }
```

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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