

Converting Colors

Hex(767678)

Have a look what the booklet for
Hex(767678) contains.

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Color

Hex(767678)

Conversions

Conversions Part 1

Format	Color
Hex	767678
RGB	118, 118, 120
RGB Percent	46%, 46%, 47%
CMY	0.5373, 0.5373, 0.5294
CMYK	0.02, 0.02, 0.00, 0.53
HSL	240°, 1%, 47%
HSV	240°, 2%, 47%
XYZ	17.3398, 18.1645, 20.3615
YIQ	118.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

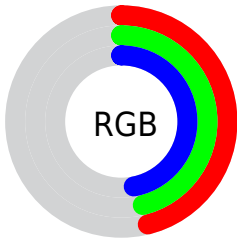
Format	Color
R_{YB}	118, 118, 120
Decimal	7763576
CIE _{Lab}	49.70, 0.41, -1.10
CIE _{LCh}	50, 1.177, 290.369
Yxy	18.1645, 0.3104, 0.3251
Android (android.graphics.Color)	4285953656 (0xFF767678)
YUV	118.2280, 0.8736, -0.2000
Hunter-Lab	42.6198, -1.9622, 1.5082

Details

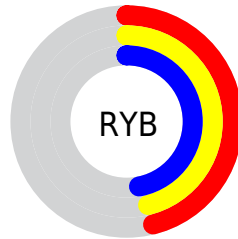
The Hex color **767678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787876**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AAAAAC**, and **464648** is the 20% darker color. If you saturate the color by 10%, you get **6A6A78**, and if you desaturate by 10%, it is **828278**.

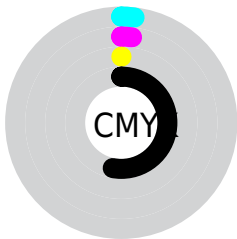
Distribution



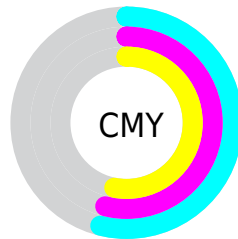
- Red (46%)
- Green (46%)
- Blue (47%)



- Red (46%)
- Yellow (46%)
- Blue (47%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767678 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 767678 by changing the saturation by 10% instead.



767678



767678

FFFFFF



5D5D5F



AAAAAC



464648



C5C5C8



303031



E1E1E4



1B1B1C

FEFEFF



000001



000000



767678



767678



6A6A78



828278



5E5E78



8E8E78

■ 525278

■ 9A9A78

■ 464678

■ A6A678

■ 3A3A78

■ B2B278

■ 2E2E78

■ BEBE78

■ 222278

■ CACA78

■ 161678

■ D6D678

■ 0A0A78

■ E2E278

Harmonies

Analogous

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



757678



767678



777677

Triad

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



767678



787675



747776

Complementary

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



767678



787876

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.



757775



767678



777674

Square

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



767678



787675



767674



747777

Rectangle

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



767678



787677



767674



747775

Sweetspot

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



767678



9C9C9C



767878



4F4F4F



CFCFCF

Same Dimension

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



767678



98989C



777678



3C3C3D



00007D



0000FC

Inverse Universe

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



787678



9C989C



777876



3D3C3D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 767678 looks on a white background.

Color Contrast Check

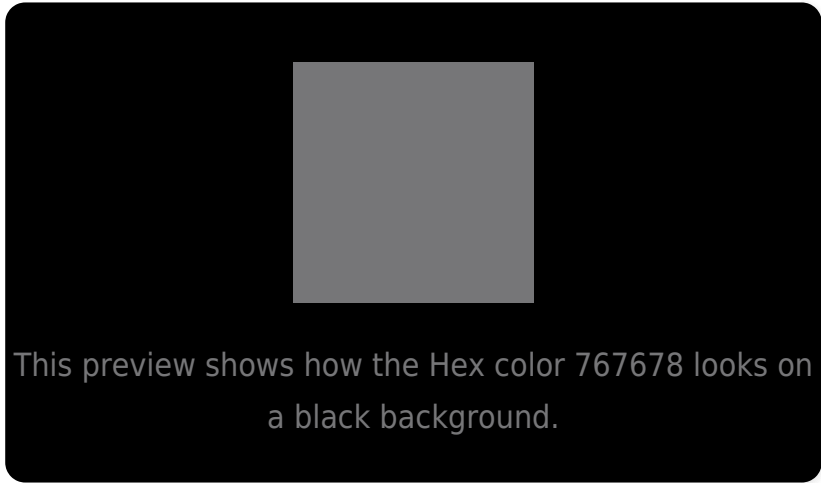
Large Text (above 18pt) WCAG AA ✓ Pass

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

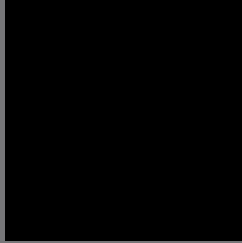
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

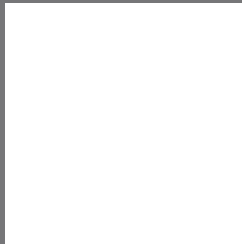
Any Text WCAG AAA × Fail

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

Hex 767678 Background



This preview shows how black text looks on a background with the Hex color 767678.



This preview shows how white text looks on a background with the Hex color 767678.

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

767678

Protanopia

787578

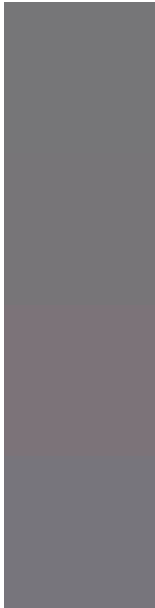
Deuteranopia

807279



Tritanopia
77757E

Trichromacy



Original Color

767678

Protanomaly

777578

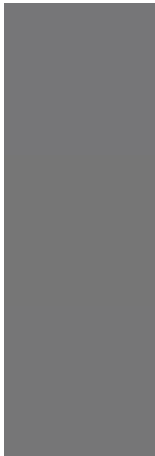
Deuteranomaly

7C7379

Tritanomaly

77757C

Monochromacy



Original Color

767678

Achromatopsia

767676

Achromatomaly

767677

CSS Examples

Text

The CSS property to change the color of the text to Hex 767678 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 #767678 looks like.

```
.text, #text, p{  
    color:#767678  
}
```

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 #767678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767678
}
```

Border

The CSS property to change the border of an element to Hex 767678 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
#767678 }
```

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

```
.border{ border-color:#767678 }
```

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

Here you see how a box with a 4 pixel #767678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767678; -webkit-box-shadow:4px 4px  
4px 4px #767678; box-shadow:4px 4px 4px  
4px #767678 }
```

Background

The CSS property to change the background color of an element to Hex 767678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767678 }
```

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

```
.background{ background-color:#767678 }
```

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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