

Converting Colors

Hex(707678)

Have a look what the booklet for
Hex(707678) contains.

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Color

Hex(707678)

Conversions

Conversions Part 1

Format	Color
Hex	707678
RGB	112, 118, 120
RGB Percent	44%, 46%, 47%
CMY	0.5608, 0.5373, 0.5294
CMYK	0.07, 0.02, 0.00, 0.53
HSL	195°, 3%, 45%
HSV	195°, 7%, 47%
XYZ	16.5507, 17.7577, 20.3246
YIQ	116.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

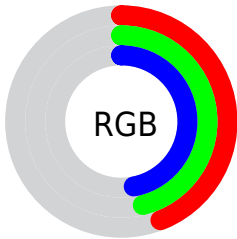
Format	Color
R_{YB}	112, 115, 120
Decimal	7370360
CIE Lab	49.20, -1.83, -1.89
CIE LCh	49, 2.627, 225.871
Yxy	17.7577, 0.3029, 0.3250
Android (android.graphics.Color)	4285560440 (0xFF707678)
YUV	116.4340, 1.7580, -3.8886
Hunter-Lab	42.1399, -3.6378, 0.9016

Details

The Hex color **707678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787270**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A4AAAC**, and **404648** is the 20% darker color. If you saturate the color by 10%, you get **647378**, and if you desaturate by 10%, it is **7C7978**.

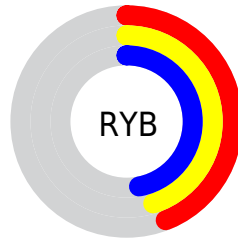
Distribution



Red (44%)

Green (46%)

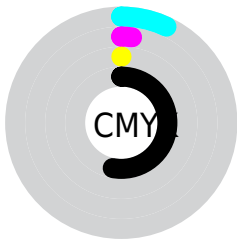
Blue (47%)



Red (44%)

Yellow (45%)

Blue (47%)

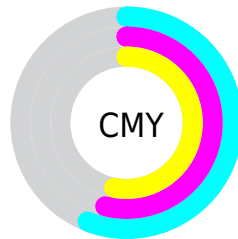


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707678 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 707678 by changing the saturation by 10% instead.

■ 707678

■ 707678

FFFFFF

■ 585D5F

■ A4AAAC

■ 404648

■ BFC5C8

■ 2A2F31

■ DBE1E4

■ 161B1C

■ F7FEFF

■ 000001

■ 000000

■ 707678

■ 707678

■ 647378

■ 7C7978

■ 587078

■ 887C78

4C6D78

947F78

406A78

A08278

346778

AC8578

286478

B88878

1C6178

C48B78

105E78

D08E78

045B78

DC9178

Harmonies

Analogous

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



707676



707678



727579

Triad

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



707678



797476



767571

Complementary

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



707678



787270

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.



787471



707678



7A7374

Square

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



707678



777478



7A7472



737672

Rectangle

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



707678



737579



7A7472



767571

Sweetspot

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



707678



989B9C



707872



4D4F4F



CFCFCF



4F4F4F

Same Dimension

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



707678



8F989C



707278



373C3D



005E7D



00BDFC

Inverse Universe

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



787076



9C8F98



787670



3D373C



7D005E



FC00BD

Previews

White Background



This preview shows how the Hex color 707678 looks on a white background.

Color Contrast Check

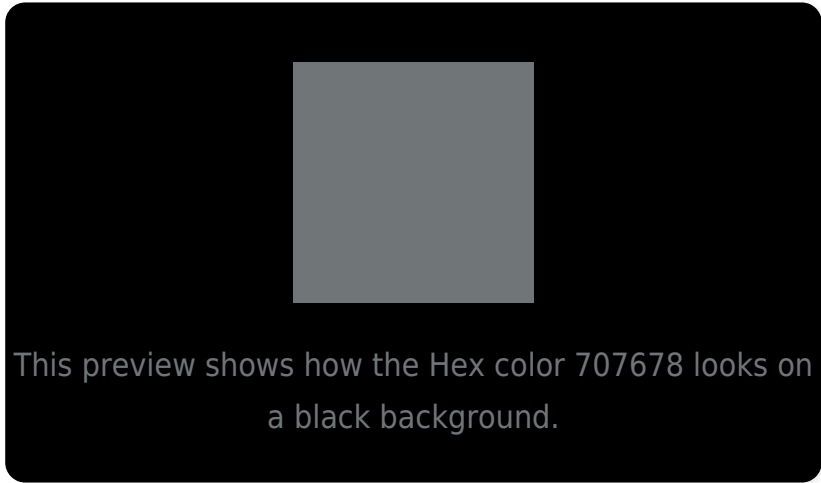
Large Text (above 18pt) WCAG AA ✓ Pass

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

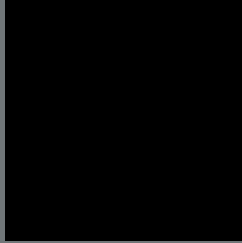
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

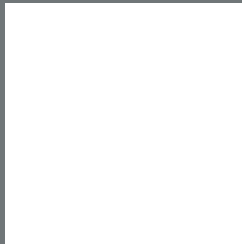
Any Text WCAG AAA × Fail

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

Hex 707678 Background



This preview shows how black text looks on a background with the Hex color 707678.



This preview shows how white text looks on a background with the Hex color 707678.

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
707678

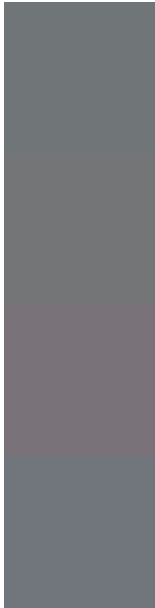
Protanopia
767477

Deuteranopia
7E7179



Tritanopia
71757E

Trichromacy



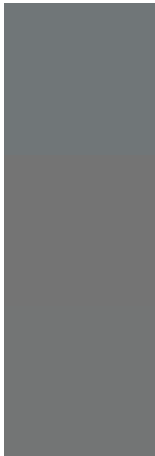
Original Color
70678

Protanomaly
747577

Deuteranomaly
797379

Tritanomaly
71757C

Monochromacy



Original Color
70678

Achromatopsia
747474

Achromatomaly
737575

CSS Examples

Text

The CSS property to change the color of the text to Hex 707678 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 #707678 looks like.

```
.text, #text, p{  
    color:#707678  
}
```

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 #707678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707678
}
```

Border

The CSS property to change the border of an element to Hex 707678 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
#707678 }
```

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

```
.border{ border-color:#707678 }
```

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

Here you see how a box with a 4 pixel #707678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707678; -webkit-box-shadow:4px 4px  
4px 4px #707678; box-shadow:4px 4px 4px  
4px #707678 }
```

Background

The CSS property to change the background color of an element to Hex 707678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707678 }
```

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

```
.background{ background-color:#707678 }
```

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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