

Converting Colors

Hex(707778)

Have a look what the booklet for
Hex(707778) contains.

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Color

Hex(707778)

Conversions

Conversions Part 1

Format	Color
Hex	707778
RGB	112, 119, 120
RGB Percent	44%, 47%, 47%
CMY	0.5608, 0.5333, 0.5294
CMYK	0.07, 0.01, 0.00, 0.53
HSL	187°, 3%, 45%
HSV	187°, 7%, 47%
XYZ	16.6691, 17.9945, 20.3640
YIQ	117.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

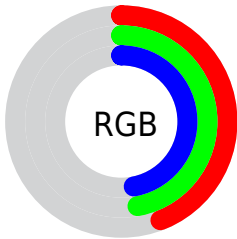
Format	Color
R_{YB}	112, 116, 120
Decimal	7370616
CIE Lab	49.49, -2.41, -1.46
CIE LCh	49, 2.818, 211.260
Yxy	17.9945, 0.3029, 0.3270
Android (android.graphics.Color)	4285560696 (0xFF707778)
YUV	117.0210, 1.4686, -4.4034
Hunter-Lab	42.4199, -4.0924, 1.2312

Details

The Hex color **707778** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787170**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A4ABAC**, and **404748** is the 20% darker color. If you saturate the color by 10%, you get **647678**, and if you desaturate by 10%, it is **7C7878**.

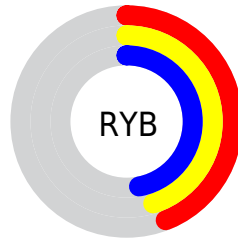
Distribution



Red (44%)

Green (47%)

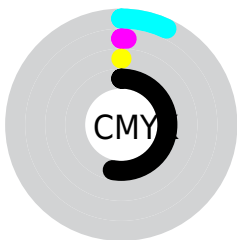
Blue (47%)



Red (44%)

Yellow (45%)

Blue (47%)

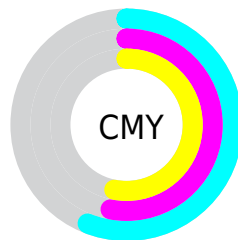


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707778 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 707778 by changing the saturation by 10% instead.

 707778

 707778

FFFFFF

 585E5F

 A4ABAC

 404748

 BFC6C8

 2A3031

 DBE2E4

 161C1C

 F7FFFF

 000001

 000000

 707778

 707778

 647678

 7C7878

 587478

 887A78

■ 4C7378

■ 947B78

■ 407178

■ A07D78

■ 347078

■ AC7E78

■ 286E78

■ B88078

■ 1C6D78

■ C48178

■ 106B78

■ D08378

■ 046A78

■ DC8478

Harmonies

Analogous

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



707776



707778



71777A

Triad

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



707778



797478



787571

Complementary

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



707778



787170

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.



7A7572



707778



7B7476

Square

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



707778



76757A



7B7473



757672

Rectangle

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



707778



73767A



7B7473



797571

Sweetspot

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



707778



989B9C



707871



4D4F4F



CFCFCF



4F4F4F

Same Dimension

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



707778



8F9A9C



707378



373C3D



006D7D



00DDFC

Inverse Universe

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



787077



9C8F9A



787570



3D373C



7D006D



FC00DD

Previews

White Background



This preview shows how the Hex color 707778 looks on a white background.

Color Contrast Check

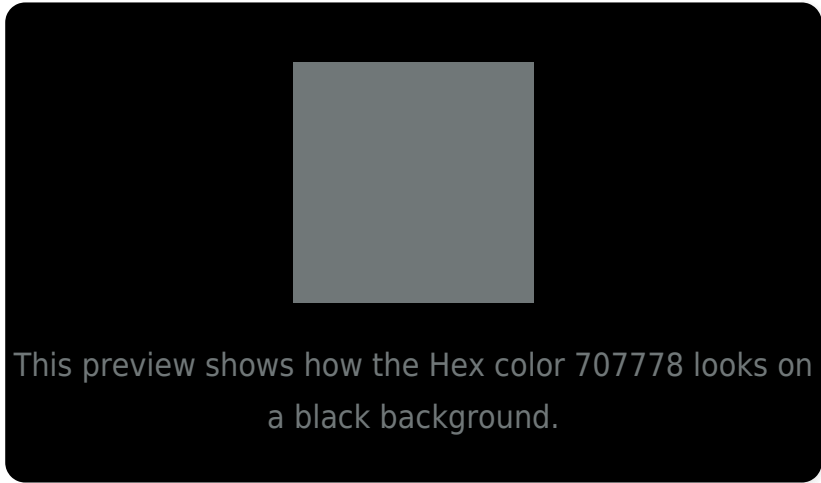
Large Text (above 18pt) WCAG AA ✓ Pass

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 707778 Background



This preview shows how black text looks on a background with the Hex color 707778.



This preview shows how white text looks on a background with the Hex color 707778.

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
707778

Protanopia
777577

Deuteranopia
7F7279



Tritanopia
71767F

Trichromacy



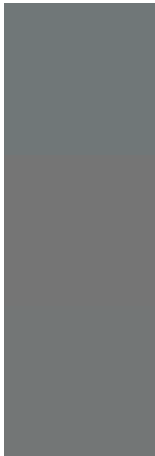
Original Color
707778

Protanomaly
747677

Deuteranomaly
7A7479

Tritanomaly
71767C

Monochromacy



Original Color
707778

Achromatopsia
757575

Achromatomaly
737676

CSS Examples

Text

The CSS property to change the color of the text to Hex 707778 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 #707778 looks like.

```
.text, #text, p{  
    color:#707778  
}
```

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 #707778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707778
}
```

Border

The CSS property to change the border of an element to Hex 707778 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
#707778 }
```

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

```
.border{ border-color:#707778 }
```

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

Here you see how a box with a 4 pixel #707778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707778; -webkit-box-shadow:4px 4px  
4px 4px #707778; box-shadow:4px 4px 4px  
4px #707778 }
```

Background

The CSS property to change the background color of an element to Hex 707778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707778 }
```

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

```
.background{ background-color:#707778 }
```

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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