

Converting Colors

Hex(7D7678)

Have a look what the booklet for
Hex(7D7678) contains.

Hex(7D7678)	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(7D7678)

Conversions

Conversions Part 1

Format	Color
Hex	7D7678
RGB	125, 118, 120
RGB Percent	49%, 46%, 47%
CMY	0.5098, 0.5373, 0.5294
CMYK	0.00, 0.06, 0.04, 0.51
HSL	343°, 3%, 48%
HSV	343°, 6%, 49%
XYZ	18.3260, 18.6729, 20.4076
YIQ	120.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

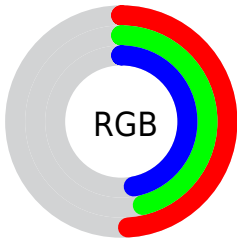
Format	Color
RYB	125, 118, 120
Decimal	8222328
CIELab	50.30, 3.07, -0.14
CIELCh	50, 3.073, 357.346
Yxy	18.6729, 0.3192, 0.3253
Android (android.graphics.Color)	4286412408 (0xFF7D7678)
YUV	120.3210, -0.1583, 4.1035
Hunter-Lab	43.2122, 0.0796, 2.2478

Details

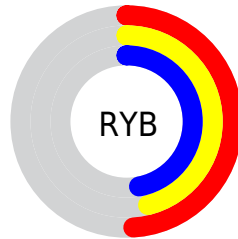
The Hex color **7D7678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767D7B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B2AAAC**, and **4C4648** is the 20% darker color. If you saturate the color by 10%, you get **7D6A6F**, and if you desaturate by 10%, it is **7D8381**.

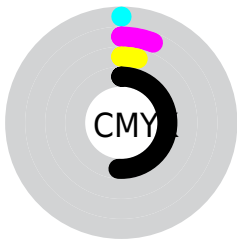
Distribution



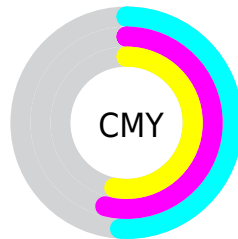
- Red (49%)
- Green (46%)
- Blue (47%)



- Red (49%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7678 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 7D7678 by changing the saturation by 10% instead.



7D7678



7D7678

FFFFFF



645D5F



B2AAAC



4C4648



CDC5C8



352F31



E9E1E4



201B1C

FFFEFF



090002



000000



7D7678



7D7678



7D6A6F



7D8381



7D5D66



7D8F8A

 7D515D

 7D9C93

 7D4454

 7DA89C

 7D384B

 7DB4A5

 7D2B42

 7DC1AE

 7D1F39

 7DCEB6

 7D1231

 7DDABF

 7D0628

 7DE7C8

Harmonies

Analogous

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



7B767B



7D7678



7E7675

Triad

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



7D7678



777873



72797C

Complementary

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



7D7678



767D7B

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.



71797A



7D7678



747975

Square

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



7D7678



7A7773



727977



75787D

Rectangle

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



7D7678



7D7674



727977



72797B

Sweetspot

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



7D7678



A3A0A1



7B767D



525050



D1D1D1



525252

Same Dimension

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



7D7678



A3989B



7D7776



403B3C



800024



000000

Inverse Universe

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



7D7678



A3989B



767C7D



403B3C



800024



000000

Previews

White Background



This preview shows how the Hex color 7D7678 looks on a white background.

Color Contrast Check

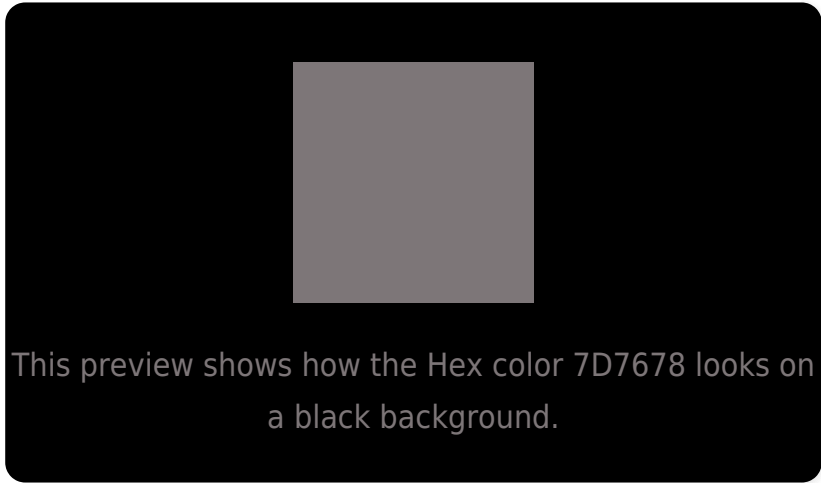
Large Text (above 18pt) WCAG AA ✓ Pass

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

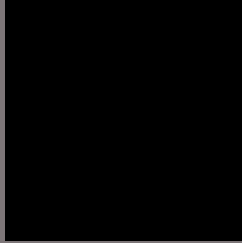
Any Text WCAG AA ✓ Pass

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 7D7678 Background



This preview shows how black text looks on a background with the Hex color 7D7678.



This preview shows how white text looks on a background with the Hex color 7D7678.

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
7D7678

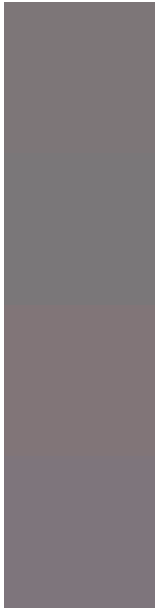
Protanopia
797779

Deuteranopia
837478



Tritanopia
7E757E

Trichromacy



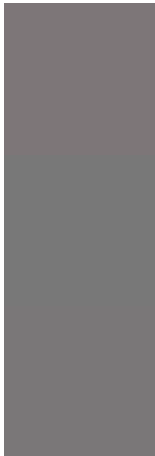
Original Color
7D7678

Protanomaly
7A7779

Deuteranomaly
817578

Tritanomaly
7E757C

Monochromacy



Original Color
7D7678

Achromatopsia
787878

Achromatomaly
7A7778

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7678 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 #7D7678 looks like.

```
.text, #text, p{  
    color:#7D7678  
}
```

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 #7D7678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7678
}
```

Border

The CSS property to change the border of an element to Hex 7D7678 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
#7D7678 }
```

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

```
.border{ border-color:#7D7678 }
```

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

Here you see how a box with a 4 pixel #7D7678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7678; -webkit-box-shadow:4px 4px  
4px 4px #7D7678; box-shadow:4px 4px 4px  
4px #7D7678 }
```

Background

The CSS property to change the background color of an element to Hex 7D7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7678 }
```

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

```
.background{ background-color:#7D7678 }
```

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