

Converting Colors

Hex(7C7276)

Have a look what the booklet for
Hex(7C7276) contains.

Hex(7C7276)	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(7C7276)

Conversions

Conversions Part 1

Format	Color
Hex	7C7276
RGB	124, 114, 118
RGB Percent	49%, 45%, 46%
CMY	0.5137, 0.5529, 0.5373
CMYK	0.00, 0.08, 0.05, 0.51
HSL	336°, 4%, 47%
HSV	336°, 8%, 49%
XYZ	17.5995, 17.6277, 19.6144
YIQ	117.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

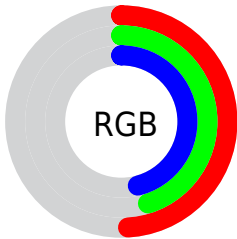
Format	Color
R_{YB}	124, 114, 118
Decimal	8155766
CIE _{Lab}	49.04, 4.64, -0.81
CIE _{LCh}	49, 4.706, 350.044
Yxy	17.6277, 0.3209, 0.3214
Android (android.graphics.Color)	4286345846 (0xFF7C7276)
YUV	117.4460, 0.2731, 5.7479
Hunter-Lab	41.9854, 1.3495, 1.6911

Details

The Hex color **7C7276** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **727C78**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B1A6AA**, and **4B4246** is the 20% darker color. If you saturate the color by 10%, you get **7C666F**, and if you desaturate by 10%, it is **7C7E7D**.

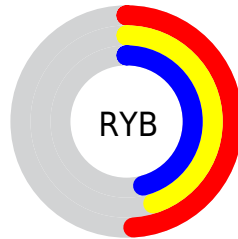
Distribution



Red (49%)

Green (45%)

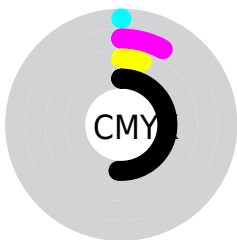
Blue (46%)



Red (49%)

Yellow (45%)

Blue (46%)

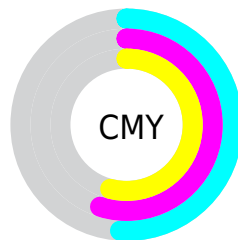


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7276 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 7C7276 by changing the saturation by 10% instead.

■ 7C7276

■ 7C7276

FFFFFF

■ 635A5D

■ B1A6AA

■ 4B4246

■ CCC1C5

■ 352C30

■ E8DDE1

■ 1F171B

■ FFF9FE

■ 010000

■ 000000

■ 7C7276

■ 7C7276

■ 7C666F

■ 7C7E7D

■ 7C5967

■ 7C8B85

 7C4D60

 7C978C

 7C4058

 7CA494

 7C3451

 7CB09B

 7C2849

 7CBCA3

 7C1B42

 7CC9AA

 7C0F3A

 7CD5B2

 7C0233

 7CE2B9

Harmonies

Analogous

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



79737A



7C7276



7D7272

Triad

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



7C7276



75756D



6C767A

Complementary

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



7C7276



727C78

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.



6B7777



7C7276



70766F

Square

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



7C7276



79746D



6D7773



6F757C

Rectangle

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



7C7276



7D7270



6D7773



6B7779

Sweetspot

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



7C7276



A19D9F



78727C



525051



D1D1D1



525252

Same Dimension

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



7C7276



A19197



7C7372



3D373A



7D0032



FC0065

Inverse Universe

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



7C7276



A19197



727B7C



3D373A



7D0032



FC0065

Previews

White Background



This preview shows how the Hex color 7C7276 looks on a white background.

Color Contrast Check

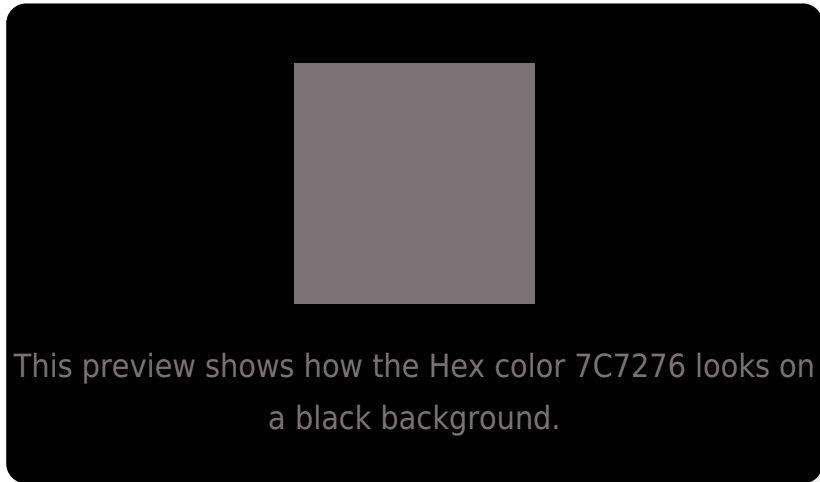
Large Text (above 18pt) WCAG AA ✓ Pass

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

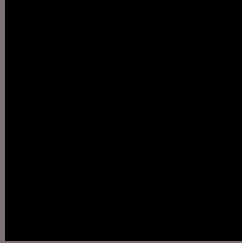
Any Text WCAG AA ✓ Pass

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 7C7276 Background



This preview shows how black text looks on a background with the Hex color 7C7276.



This preview shows how white text looks on a background with the Hex color 7C7276.

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

7C7276

Protanopia

767477

Deuteranopia

7F7176



Tritanopia
7D717A

Trichromacy



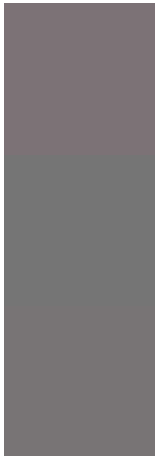
Original Color
7C7276

Protanomaly
787377

Deuteranomaly
7E7176

Tritanomaly
7D7179

Monochromacy



Original Color
7C7276

Achromatopsia
757575

Achromatomaly
787475

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7276 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 #7C7276 looks like.

```
.text, #text, p{  
    color:#7C7276  
}
```

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 #7C7276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7276
}
```

Border

The CSS property to change the border of an element to Hex 7C7276 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".

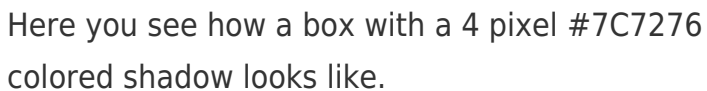
```
.border, #border, table{ border:4px solid
#7C7276 }
```

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

```
.border{ border-color:#7C7276 }
```

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

Here you see how a box with a 4 pixel #7C7276 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7276; -webkit-box-shadow:4px 4px  
4px 4px #7C7276; box-shadow:4px 4px 4px  
4px #7C7276 }
```

Background

The CSS property to change the background color of an element to Hex 7C7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7276 }
```

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

```
.background{ background-color:#7C7276 }
```

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