

Converting Colors

Hex(7E7676)

Have a look what the booklet for
Hex(7E7676) contains.

Hex(7E7676)	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(7E7676)

Conversions

Conversions Part 1

Format	Color
Hex	7E7676
RGB	126, 118, 118
RGB Percent	49%, 46%, 46%
CMY	0.5059, 0.5373, 0.5373
CMYK	0.00, 0.06, 0.06, 0.51
HSL	0°, 3%, 48%
HSV	0°, 6%, 49%
XYZ	18.3526, 18.7005, 19.7818
YIQ	120.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

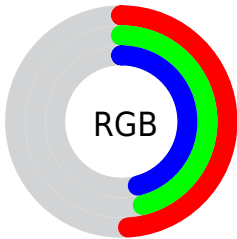
Format	Color
R_{YB}	126, 118, 118
Decimal	8287862
CIE Lab	50.33, 3.07, 1.10
CIE LCh	50, 3.258, 19.659
Yxy	18.7005, 0.3229, 0.3290
Android (android.graphics.Color)	4286477942 (0xFF7E7676)
YUV	120.3920, -1.1793, 4.9182
Hunter-Lab	43.2441, 0.0777, 3.1489

Details

The Hex color **7E7676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767E7E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B3AAAA**, and **4D4646** is the 20% darker color. If you saturate the color by 10%, you get **7E6969**, and if you desaturate by 10%, it is **7E8383**.

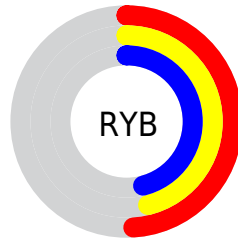
Distribution



Red (49%)

Green (46%)

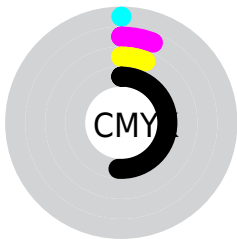
Blue (46%)



Red (49%)

Yellow (46%)

Blue (46%)

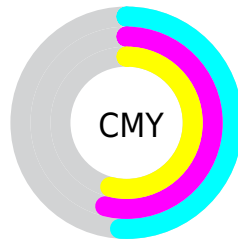


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7676 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 7E7676 by changing the saturation by 10% instead.



7E7676



7E7676

FFFFFF



655D5D



B3AAAA



4D4646



CEC5C5



362F30



EAE1E1



211B1B

FFFEFE



0A0000



000000



7E7676



7E7676



7E6969



7E8383



7E5D5D



7E8F8F

 7E5050

 7E9C9C

 7E4444

 7EA8A8

 7E3737

 7EB5B5

 7E2A2A

 7EC2C2

 7E1E1E

 7ECECE

 7E1111

 7EDBDB

 7E0505

 7EE7E7

Harmonies

Analogous

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



7D7679



7E7676



7D7674

Triad

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



7E7676



757974



74787D

Complementary

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



7E7676



767E7E

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.



72797C



7E7676



727977

Square

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



7E7676



787873



71797A



77777D

Rectangle

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



7E7676



7C7773



71797A



73797D

Sweetspot

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



7E7676



A3A0A0



7E767E



525050



D1D1D1



525252

Same Dimension

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



7E7676



A39696



7E7A76



403939



800000



000000

Inverse Universe

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



767E7E



96A3A3



767A7E



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 7E7676 looks on a white background.

Color Contrast Check

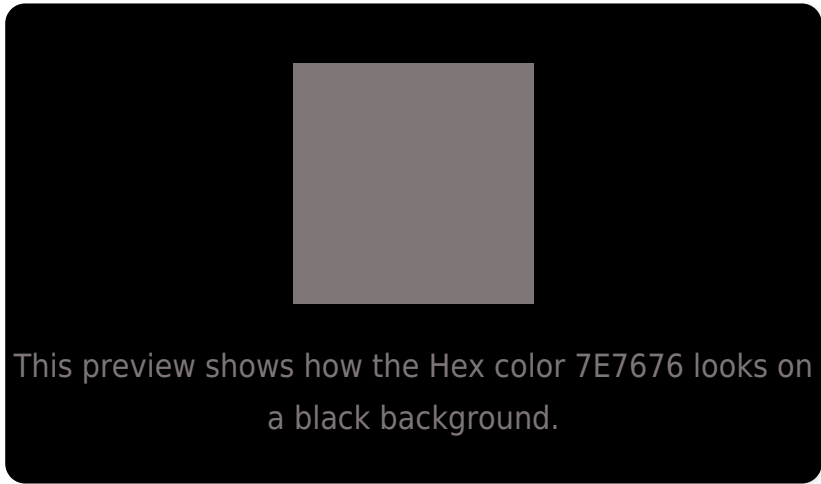
Large Text (above 18pt) WCAG AA ✓ Pass

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

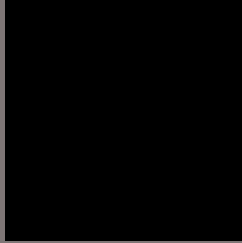
Any Text WCAG AA ✓ Pass

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 7E7676 Background



This preview shows how black text looks on a background with the Hex color 7E7676.



This preview shows how white text looks on a background with the Hex color 7E7676.

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

7E7676

Protanopia

7A7777

Deuteranopia

847476



Tritanopia
7F757E

Trichromacy



Original Color

7E7676

Protanomaly

7B7777

Deuteranomaly

827576

Tritanomaly

7F757B

Monochromacy



Original Color

7E7676

Achromatopsia

787878

Achromatomaly

7A7777

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7676 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 #7E7676 looks like.

```
.text, #text, p{  
    color:#7E7676  
}
```

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 #7E7676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7676
}
```

Border

The CSS property to change the border of an element to Hex 7E7676 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
#7E7676 }
```

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

```
.border{ border-color:#7E7676 }
```

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

Here you see how a box with a 4 pixel #7E7676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7676; -webkit-box-shadow:4px 4px  
4px 4px #7E7676; box-shadow:4px 4px 4px  
4px #7E7676 }
```

Background

The CSS property to change the background color of an element to Hex 7E7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7676 }
```

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

```
.background{ background-color:#7E7676 }
```

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