

Converting Colors

Hex(827170)

Have a look what the booklet for
Hex(827170) contains.

Hex(827170)	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(827170)

Conversions

Conversions Part 1

Format	Color
Hex	827170
RGB	130, 113, 112
RGB Percent	51%, 44%, 44%
CMY	0.4902, 0.5569, 0.5608
CMYK	0.00, 0.13, 0.14, 0.49
HSL	3°, 7%, 47%
HSV	3°, 14%, 51%
XYZ	18.0357, 17.7259, 17.8001
YIQ	117.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

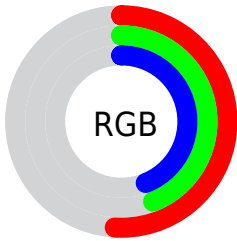
Format	Color
R_{YB}	130, 113, 112
Decimal	8548720
CIE Lab	49.16, 6.45, 2.99
CIE LCh	49, 7.110, 24.870
Yxy	17.7259, 0.3367, 0.3309
Android (android.graphics.Color)	4286738800 (0xFF827170)
YUV	117.9690, -2.9427, 10.5512
Hunter-Lab	42.1022, 2.7868, 4.4047

Details

The Hex color **827170** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **708182**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B7A5A4**, and **504140** is the 20% darker color. If you saturate the color by 10%, you get **826563**, and if you desaturate by 10%, it is **827D7D**.

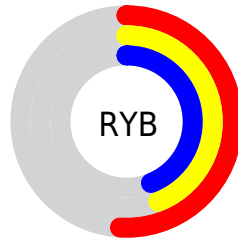
Distribution



Red (51%)

Green (44%)

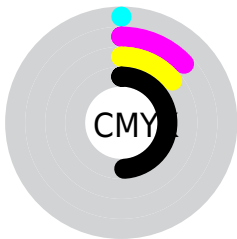
Blue (44%)



Red (51%)

Yellow (44%)

Blue (44%)

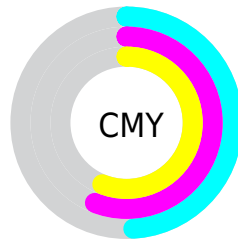


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827170 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 827170 by changing the saturation by 10% instead.

 827170

 827170

FFFFFF

 695958

 B7A5A4

 504140

 D3C0BF

 392B2A

 EFDCDB

 241716

 FFF8F7

 070000

 000000

 827170

 827170

 826563

 827D7D

 825856

 828A8A

824C49

829697

82403C

82A2A4

82342F

82AEB1

822722

82BBBE

821B15

82C7CB

820F08

82D3D8

820700

82E0E5

Harmonies

Analogous

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



817176



827170



80726B

Triad

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



827170



6D786E



6D7681

Complementary

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



827170



708182

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.



68777E



827170



687874

Square

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



827170



74766A



66787A



757480

Rectangle

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



827170



7D7369



66787A



6B7680

Sweetspot

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



827170



A8A2A2



827081



545050



D4D4D4



545454

Same Dimension

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



827170



A88D8C



827A70



403A39



800700



000000

Inverse Universe

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



708182



8CA7A8



707882



393F40



007880



000000

Previews

White Background



This preview shows how the Hex color 827170 looks on a white background.

Color Contrast Check

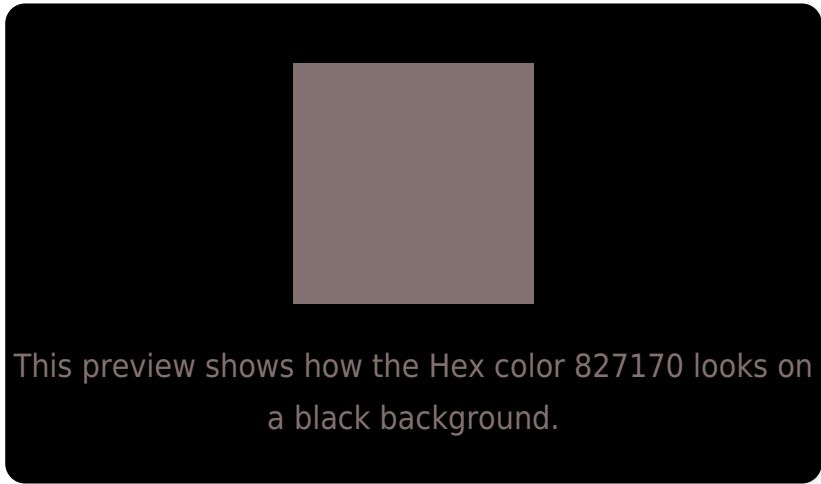
Large Text (above 18pt) WCAG AA ✓ Pass

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

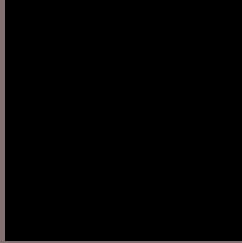
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

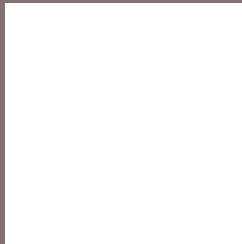
Any Text WCAG AAA × Fail

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

Hex 827170 Background



This preview shows how black text looks on a background with the Hex color 827170.



This preview shows how white text looks on a background with the Hex color 827170.

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
827170

Protanopia
787472

Deuteranopia
827170



Tritanopia
837078

Trichromacy



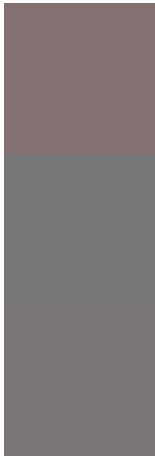
Original Color
827170

Protanomaly
7C7371

Deuteranomaly
827170

Tritanomaly
837075

Monochromacy



Original Color
827170

Achromatopsia
767676

Achromatomaly
7A7474

CSS Examples

Text

The CSS property to change the color of the text to Hex 827170 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 #827170 looks like.

```
.text, #text, p{  
    color:#827170  
}
```

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 #827170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827170
}
```

Border

The CSS property to change the border of an element to Hex 827170 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
#827170 }
```

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

```
.border{ border-color:#827170 }
```

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

Here you see how a box with a 4 pixel #827170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827170; -webkit-box-shadow:4px 4px  
4px 4px #827170; box-shadow:4px 4px 4px  
4px #827170 }
```

Background

The CSS property to change the background color of an element to Hex 827170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827170 }
```

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

```
.background{ background-color:#827170 }
```

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