

Converting Colors

Hex(62847A)

Have a look what the booklet for
Hex(62847A) contains.

| | |
|--|----|
| Hex(62847A) | 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(62847A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 62847A |
| RGB | 98, 132, 122 |
| RGB Percent | 38%, 52%, 48% |
| CMY | 0.6157, 0.4824, 0.5216 |
| CMYK | 0.26, 0.00, 0.08, 0.48 |
| HSL | 162°, 15%, 45% |
| HSV | 162°, 26%, 52% |
| XYZ | 16.8011, 20.5043, 21.4846 |
| YIQ | 120.6940, -17.0540, -10.3180 |

Conversions

Conversions Part 2

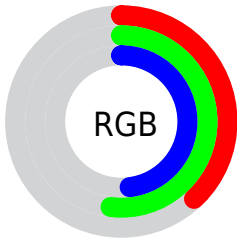
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 98, 118, 132 |
| Decimal | 6456442 |
| CIE _{Lab} | 52.40, -14.23, 1.50 |
| CIE _{LCh} | 52, 14.308, 173.982 |
| Yxy | 20.5043, 0.2858, 0.3488 |
| Android (android.graphics.Color) | 4284646522 (0xFF62847A) |
| YUV | 120.6940, 0.6439, -19.9026 |
| Hunter-Lab | 45.2817, -13.0132, 3.5662 |

Details

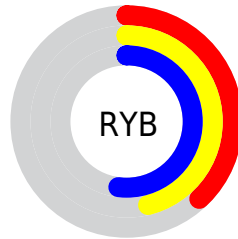
The Hex color **62847A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **84626C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **95B9AE**, and **325249** is the 20% darker color. If you saturate the color by 10%, you get **558476**, and if you desaturate by 10%, it is **6F847E**.

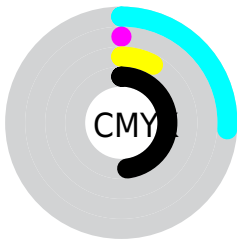
Distribution



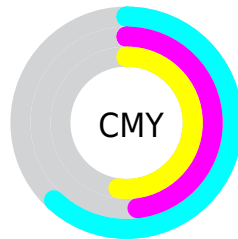
- Red (38%)
- Green (52%)
- Blue (48%)



- Red (38%)
- Yellow (46%)
- Blue (52%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62847A 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 62847A by changing the saturation by 10% instead.



62847A



62847A

FFFFFF



4A6B61



95B9AE



325249



B0D5CA



1B3B33



CCF1E6



05251E



E8FFFF



001005



000000



62847A



62847A



558476



6F847E



488472



7C8482

■ 3A846E

■ 8A8486

■ 2D846A

■ 97848A

■ 208467

■ A4848D

■ 138463

■ B18491

■ 06845F

■ BE8495

■ 00845D

■ CC8499

■ D9849D

Harmonies

Analogous

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



6E826E



62847A



5C8486

Triad

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



62847A



7C7B93



93776A

Complementary

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



62847A



84626C

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.



977574



62847A



8B778C

Square

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



62847A



6C7F95



947580



897B65

Rectangle

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



62847A



5D838E



947580



95766C

Sweetspot

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



62847A



9DABA7



6C8462



4E5754



D6D6D6



575757

Same Dimension

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



62847A



76AB9B



627D84



3C4240



00825C



000302

Inverse Universe

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



84626C



AB7685



846962



423C3E



820026



030001

Previews

White Background



This preview shows how the Hex color 62847A looks on a white background.

Color Contrast Check

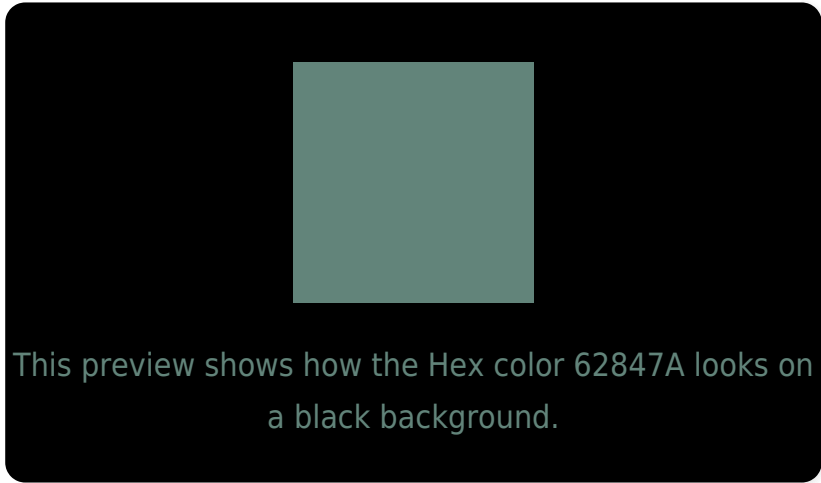
Large Text (above 18pt) WCAG AA ✓ Pass

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

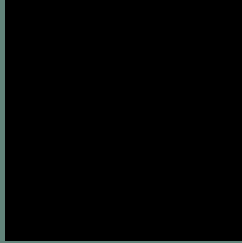
Any Text WCAG AA ✓ Pass

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 62847A Background



This preview shows how black text looks on a background with the Hex color 62847A.

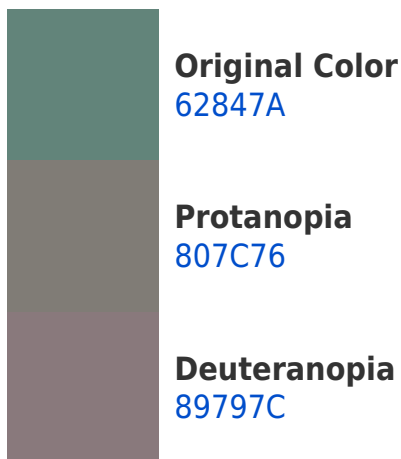



This preview shows how white text looks on a background with the Hex color 62847A.

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





Tritanopia
66818C

Trichromacy



Original Color
62847A

Protanomaly
757F77

Deuteranomaly
7B7D7B

Tritanomaly
658285

Monochromacy



Original Color
62847A

Achromatopsia
797979

Achromatomaly
717D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 62847A 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 #62847A looks like.

```
.text, #text, p{  
    color:#62847A  
}
```

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 #62847A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62847A
}
```

Border

The CSS property to change the border of an element to Hex 62847A 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".

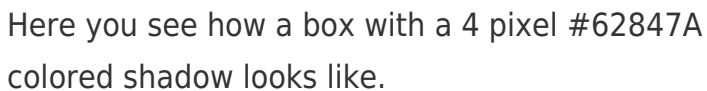
```
.border, #border, table{ border:4px solid
#62847A }
```

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

```
.border{ border-color:#62847A }
```

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

Here you see how a box with a 4 pixel #62847A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62847A; -webkit-box-shadow:4px 4px  
4px 4px #62847A; box-shadow:4px 4px 4px  
4px #62847A }
```

Background

The CSS property to change the background color of an element to Hex 62847A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62847A }
```

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

```
.background{ background-color:#62847A }
```

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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