

Converting Colors

Hex(789B55)

Have a look what the booklet for
Hex(789B55) contains.

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Color

Hex(789B55)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 789B55 |
| RGB | 120, 155, 85 |
| RGB Percent | 47%, 61%, 33% |
| CMY | 0.5294, 0.3922, 0.6667 |
| CMYK | 0.23, 0.00, 0.45, 0.39 |
| HSL | 90°, 29%, 47% |
| HSV | 90°, 45%, 61% |
| XYZ | 21.1068, 28.0916, 12.9041 |
| YIQ | 136.5550, 1.6100, -29.1900 |

Conversions

Conversions Part 2

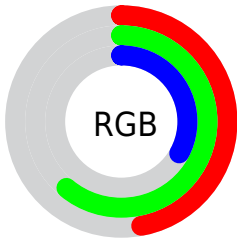
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 85, 155, 120 |
| Decimal | 7904085 |
| CIELab | 59.97, -24.68, 32.75 |
| CIELCh | 60, 41.005, 127.005 |
| Yxy | 28.0916, 0.3399, 0.4523 |
| Android (android.graphics.Color) | 4286094165 (0xFF789B55) |
| YUV | 136.5550, -25.4166, -14.5187 |
| Hunter-Lab | 53.0015, -21.6688, 22.6659 |

Details

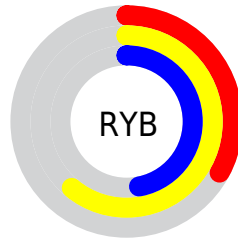
The Hex color **789B55** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **78559B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AED288**, and **456825** is the 20% darker color. If you saturate the color by 10%, you get **709B46**, and if you desaturate by 10%, it is **809B65**.

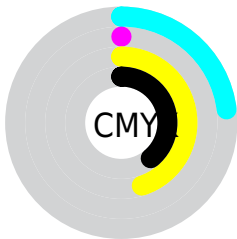
Distribution



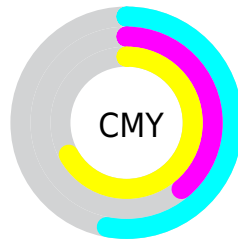
- Red (47%)
- Green (61%)
- Blue (33%)



- Red (33%)
- Yellow (61%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)



- Cyan (53%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789B55 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 789B55 by changing the saturation by 10% instead.

 789B55

 789B55

FFFFFF

 5E813D

 AED288

 456825

 C9EEA3

 2D4F0D

 E6FFBE

 163800

 FFFFDA

 002300

 FFFFF7

 000000

 789B55

 789B55

 709B46

 809B65

 699B36

 889B74

■ 619B27

■ 8F9B84

■ 599B17

■ 979B93

■ 519B08

■ 9F9BA3

■ 4E9B00

■ A79BB2

■ AE9BC2

■ B69BD1

■ BE9BE1

Harmonies

Analogous

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



9F9147



789B55



48A173

Triad

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



789B55



009CD2



D57389

Complementary

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



789B55



78599B

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.



C477AD



789B55



6591D8

Square

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



789B55



00A2BB



9F84CA



D17867

Rectangle

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



789B55



09A38C



9F84CA



D17396

Sweetspot

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



789B55



BBC9AD



9B7855



5D6655



E6E6E6



666666

Same Dimension

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



789B55



93C95D



559B55



494D45



468C00



060D00

Inverse Universe

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



78559B



935DC9



9B559B



49454D



46008C



06000D

Previews

White Background



This preview shows how the Hex color 789B55 looks on a white background.

Color Contrast Check

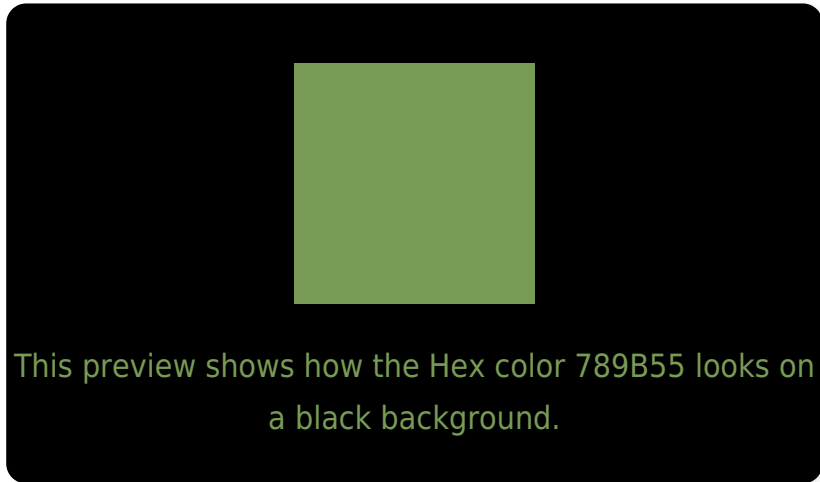
Large Text (above 18pt) WCAG AA ✓ Pass

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

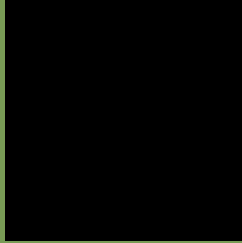
Any Text WCAG AA ✓ Pass

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 789B55 Background



This preview shows how black text looks on a background with the Hex color 789B55.



This preview shows how white text looks on a background with the Hex color 789B55.

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
83939E

Trichromacy



Original Color
789B55

Protanomaly
909452

Deuteranomaly
9A9058

Tritanomaly
7F9683

Monochromacy



Original Color
789B55

Achromatopsia
898989

Achromatomaly
839076

CSS Examples

Text

The CSS property to change the color of the text to Hex 789B55 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 #789B55 looks like.

```
.text, #text, p{  
    color:#789B55  
}
```

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 #789B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789B55
}
```

Border

The CSS property to change the border of an element to Hex 789B55 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
#789B55 }
```

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

```
.border{ border-color:#789B55 }
```

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

Here you see how a box with a 4 pixel #789B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789B55; -webkit-box-shadow:4px 4px  
4px 4px #789B55; box-shadow:4px 4px 4px  
4px #789B55 }
```

Background

The CSS property to change the background color of an element to Hex 789B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789B55 }
```

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

```
.background{ background-color:#789B55 }
```

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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