

Converting Colors

Hex(829D53)

Have a look what the booklet for
Hex(829D53) contains.

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Color

Hex(829D53)

Conversions

Conversions Part 1

Format	Color
Hex	829D53
RGB	130, 157, 83
RGB Percent	51%, 62%, 33%
CMY	0.4902, 0.3843, 0.6745
CMYK	0.17, 0.00, 0.47, 0.38
HSL	82°, 31%, 47%
HSV	82°, 47%, 62%
XYZ	22.8242, 29.4843, 12.6717
YIQ	140.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

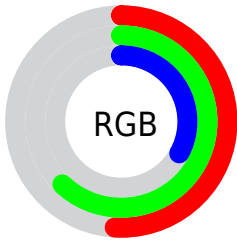
Format	Color
R_{YB}	83, 157, 110
Decimal	8559955
CIE _{Lab}	61.21, -22.01, 35.47
CIE _{LCh}	61, 41.741, 121.816
Yxy	29.4843, 0.3512, 0.4537
Android (android.graphics.Color)	4286750035 (0xFF829D53)
YUV	140.4910, -28.3431, -9.2006
Hunter-Lab	54.2994, -19.9934, 24.1733

Details

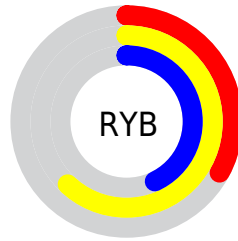
The Hex color **829D53** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E539D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B8D486**, and **4F6A23** is the 20% darker color. If you saturate the color by 10%, you get **7C9D43**, and if you desaturate by 10%, it is **889D63**.

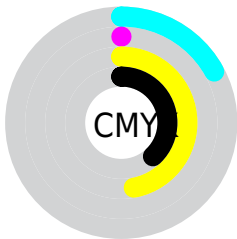
Distribution



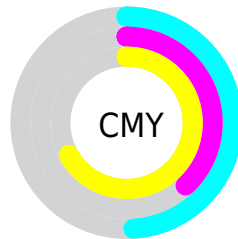
- Red (51%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829D53 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 829D53 by changing the saturation by 10% instead.

 829D53

 829D53

FFFFFF

 68833B

 B8D486

 4F6A23

 D4F0A1

 365109

 F1FFBC

 203A00

 FFFFD8

 032400

 FFFFF5

 000800

 000000

 829D53

 829D53

 7C9D43

 889D63

 779D34

 8D9D72

 719D24

 939D82

 6B9D14

 999D92

 659D05

 9F9DA2

 649D00

 A49DB1

 AA9DC1

 B09DD1

 B69DE0

Harmonies

Analogous

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



A89248



829D53



53A470

Triad

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



829D53



00A1D4



D87593

Complementary

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



829D53



6E539D

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.



C37CB7



829D53



5A97DD

Square

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



829D53



00A6B9



9A89D3



D8796F

Rectangle

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



829D53



24A688



9A89D3



D3769F

Sweetspot

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



829D53



C2CCAF



9D6D53



606655



E6E6E6



666666

Same Dimension

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



829D53



A2CC58



5E9D53



4C4F47



5B8F00



0A0F00

Inverse Universe

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



6E539D



8258CC



92539D



4A474F



34008F



06000F

Previews

White Background



This preview shows how the Hex color 829D53 looks on a white background.

Color Contrast Check

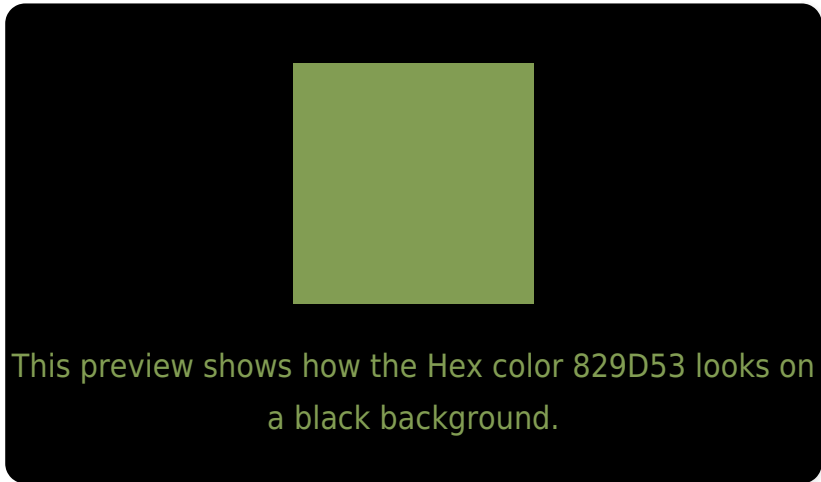
Large Text (above 18pt) WCAG AA ✓ Pass

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 829D53 Background



This preview shows how black text looks on a background with the Hex color 829D53.



This preview shows how white text looks on a background with the Hex color 829D53.

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](#).

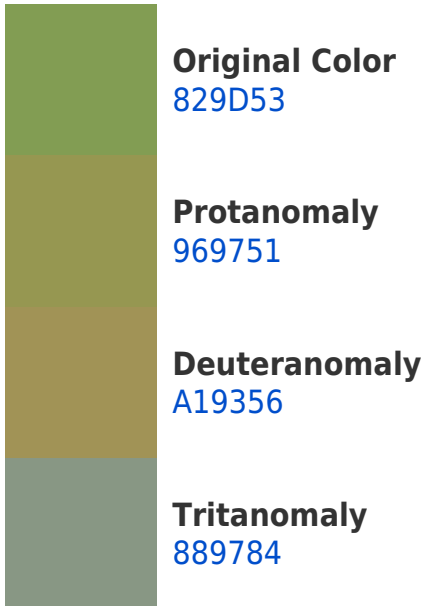
Dichromacy



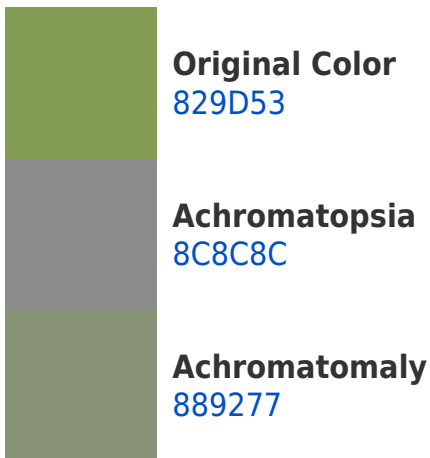


Tritanopia
8C94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 829D53 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 #829D53 looks like.

```
.text, #text, p{  
    color:#829D53  
}
```

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 #829D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829D53
}
```

Border

The CSS property to change the border of an element to Hex 829D53 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
#829D53 }
```

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

```
.border{ border-color:#829D53 }
```

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

Here you see how a box with a 4 pixel #829D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829D53; -webkit-box-shadow:4px 4px  
4px 4px #829D53; box-shadow:4px 4px 4px  
4px #829D53 }
```

Background

The CSS property to change the background color of an element to Hex 829D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829D53 }
```

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

```
.background{ background-color:#829D53 }
```

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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