

Converting Colors

Hex(829D2F)

Have a look what the booklet for
Hex(829D2F) contains.

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Color

Hex(829D2F)

Conversions

Conversions Part 1

Format	Color
Hex	829D2F
RGB	130, 157, 47
RGB Percent	51%, 62%, 18%
CMY	0.4902, 0.3843, 0.8157
CMYK	0.17, 0.00, 0.70, 0.38
HSL	75°, 54%, 40%
HSV	75°, 70%, 62%
XYZ	21.7760, 29.0650, 7.1517
YIQ	136.3870, 19.2180, -39.9340

Conversions

Conversions Part 2

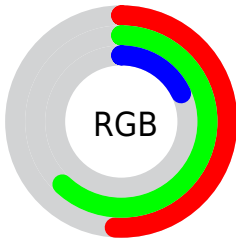
Format	Color
RYB	47, 157, 74
Decimal	8559919
CIELab	60.84, -25.25, 51.79
CIELCh	61, 57.615, 115.996
Yxy	29.0650, 0.3755, 0.5012
Android (android.graphics.Color)	4286749999 (0xFF829D2F)
YUV	136.3870, -44.0678, -5.6014
Hunter-Lab	53.9120, -22.2467, 29.8732

Details

The Hex color **829D2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4A2F9D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B9D464**, and **4D6A00** is the 20% darker color. If you saturate the color by 10%, you get **7E9D1F**, and if you desaturate by 10%, it is **869D3F**.

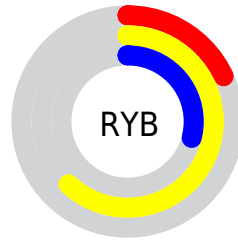
Distribution



Red (51%)

Green (62%)

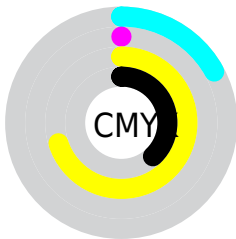
Blue (18%)



Red (18%)

Yellow (62%)

Blue (29%)

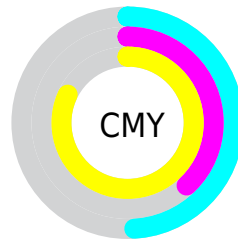


Cyan (17%)

Magenta (0%)

Yellow (70%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829D2F 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 829D2F by changing the saturation by 10% instead.



829D2F



829D2F

FFFFFF



678311



B9D464



4D6A00



D6F07E



345100



F3FF99



193A00



FFFFB5



002500



FFFFD1



000600



FFFEE



000000



829D2F



829D2F



7E9D1F



869D3F

■ 7A9D10

■ 8A9D4E

■ 769D00

■ 8E9D5E

■ 919D6E

■ 959D7E

■ 999D8D

■ 9D9D9D

■ A19DAD

■ A59DBC

Harmonies

Analogous

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



B38E24



829D2F



3CA657

Triad

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



829D2F



00A6E6



EB649C

Complementary

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



829D2F



4A2F9D

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.



CA72CC



829D2F



009BF8

Square

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



829D2F



00ABBE



8888EF



EE6869

Rectangle

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



829D2F



00AA78



8888EF



E367AD

Sweetspot

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



829D2F



C1CCA1



9D492F



60664D



E6E6E6



666666

Same Dimension

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



829D2F



A2CC21



4C9D2F



4D4F47



6C8F00



0C0F00

Inverse Universe

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



4A2F9D



4B21CC



802F9D



49474F



23008F



04000F

Previews

White Background



This preview shows how the Hex color 829D2F 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 829D2F Background



This preview shows how black text looks on a background with the Hex color 829D2F.



This preview shows how white text looks on a background with the Hex color 829D2F.

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
829D2F

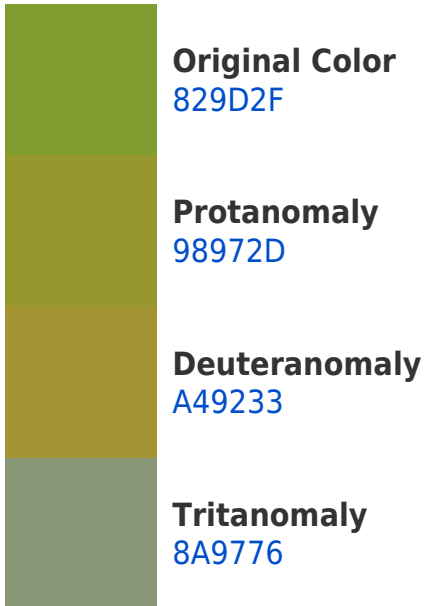
Protanopia
A4932C

Deuteranopia
B78B36

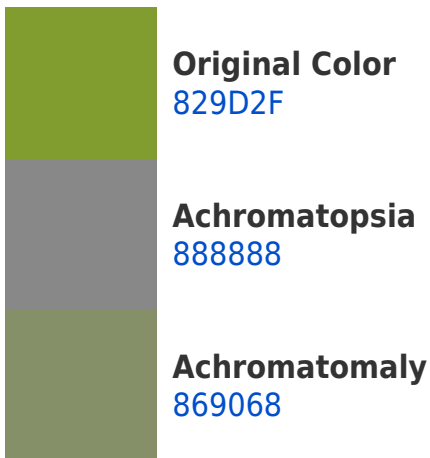


Tritanopia
8E939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 829D2F 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 #829D2F looks like.

```
.text, #text, p{  
    color:#829D2F  
}
```

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 #829D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829D2F
}
```

Border

The CSS property to change the border of an element to Hex 829D2F 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
#829D2F }
```

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

```
.border{ border-color:#829D2F }
```

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

Here you see how a box with a 4 pixel #829D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829D2F; -webkit-box-shadow:4px 4px  
4px 4px #829D2F; box-shadow:4px 4px 4px  
4px #829D2F }
```

Background

The CSS property to change the background color of an element to Hex 829D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829D2F }
```

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

```
.background{ background-color:#829D2F }
```

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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