

Converting Colors

Hex(27822F)

Have a look what the booklet for
Hex(27822F) contains.

Hex(27822F)	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(27822F)

Conversions

Conversions Part 1

Format	Color
Hex	27822F
RGB	39, 130, 47
RGB Percent	15%, 51%, 18%
CMY	0.8471, 0.4902, 0.8157
CMYK	0.70, 0.00, 0.64, 0.49
HSL	125°, 54%, 33%
HSV	125°, 70%, 51%
XYZ	9.3324, 16.6018, 5.4019
YIQ	93.3290, -27.5930, -45.1050

Conversions

Conversions Part 2

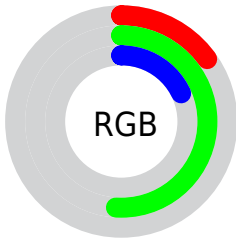
Format	Color
R_{YB}	39, 123, 130
Decimal	2589231
CIE _{Lab}	47.75, -44.13, 36.43
CIE _{LCh}	48, 57.229, 140.461
Yxy	16.6018, 0.2978, 0.5298
Android (android.graphics.Color)	4280779311 (0xFF27822F)
YUV	93.3290, -22.8402, -47.6465
Hunter-Lab	40.7453, -30.4202, 20.6612

Details

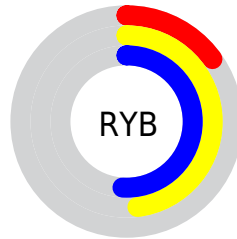
The Hex color **27822F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **82277A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **61B860**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **1A8223**, and if you desaturate by 10%, it is **34823B**.

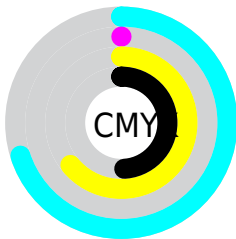
Distribution



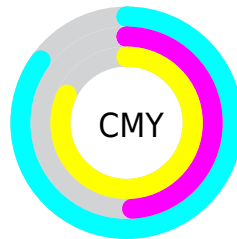
- Red (15%)
- Green (51%)
- Blue (18%)



- Red (15%)
- Yellow (48%)
- Blue (51%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27822F 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 27822F by changing the saturation by 10% instead.

 27822F

 27822F

FFFFFF

 006816

 61B860

 004F00

 7DD47A

 003700

 99F194

 002200

 B5FFAF

 000000

 D2FFCB

 EFFFEB

 27822F

 27822F

 1A8223

 34823B

■ 0D8217

■ 418247

■ 00820B

■ 4E8253

■ 5B825E

■ 68826A

■ 758276

■ 828282

■ 8F828E

■ 9C829A

Harmonies

Analogous

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



697900



27822F



008760

Triad

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



27822F



007CD1



C74253

Complementary

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



27822F



82277A

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.



C04183



27822F



506BCC

Square

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



27822F



0084BB



9C55AF



B65527

Rectangle

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



27822F



008881



9C55AF



C73F62

Sweetspot

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



27822F



85A888



7A8227



3F5441



D4D4D4



545454

Same Dimension

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



27822F



1BA827



27825C



39403A



00800B



000000

Inverse Universe

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



82277A



A81B9C



82274D



40393F



800074



000000

Previews

White Background



This preview shows how the Hex color 27822F looks on a white background.

Color Contrast Check

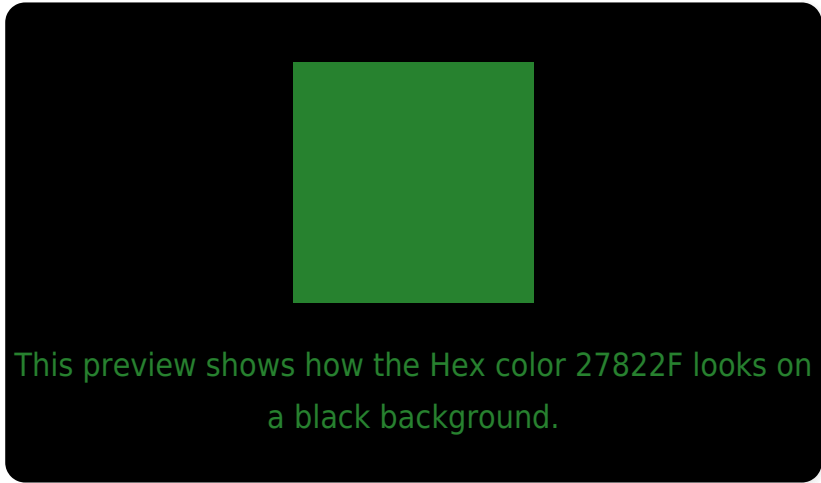
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 27822F Background



This preview shows how black text looks on a background with the Hex color 27822F.



This preview shows how white text looks on a background with the Hex color 27822F.

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
27822F

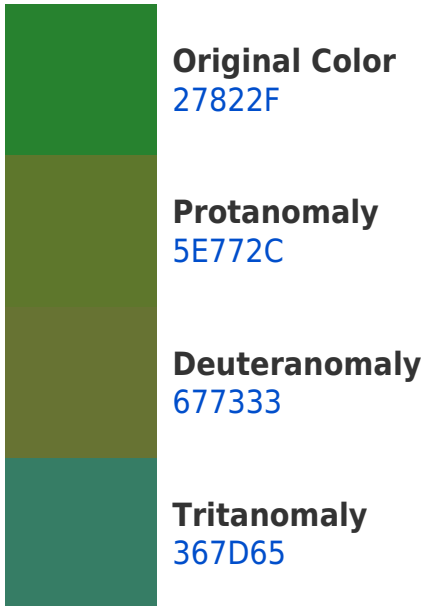
Protanopia
7E712A

Deuteranopia
8B6B36

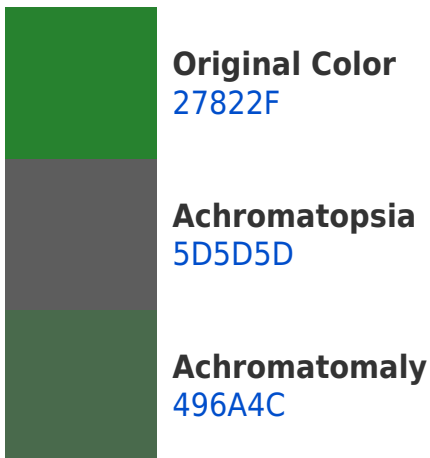


Tritanopia
3F7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27822F 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 #27822F looks like.

```
.text, #text, p{  
    color:#27822F  
}
```

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 #27822F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27822F
}
```

Border

The CSS property to change the border of an element to Hex 27822F 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
#27822F }
```

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

```
.border{ border-color:#27822F }
```

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

Here you see how a box with a 4 pixel #27822F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27822F; -webkit-box-shadow:4px 4px  
4px 4px #27822F; box-shadow:4px 4px 4px  
4px #27822F }
```

Background

The CSS property to change the background color of an element to Hex 27822F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27822F }
```

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

```
.background{ background-color:#27822F }
```

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