

# Converting Colors

Hex(27E24F)

Have a look what the booklet for  
Hex(27E24F) contains.

<b>Hex(27E24F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(27E24F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27E24F
RGB	39, 226, 79
RGB Percent	15%, 89%, 31%
CMY	0.8471, 0.1137, 0.6902
CMYK	0.83, 0.00, 0.65, 0.11
HSL	133°, 76%, 52%
HSV	133°, 83%, 89%
XYZ	29.4443, 55.3886, 16.5363
YIQ	153.3290, -64.2650, -85.3610

# Conversions

## Conversions Part 2

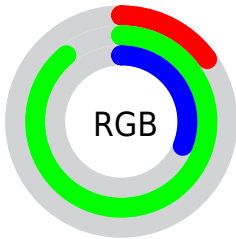
Format	Color
<a href="#">RYB</a>	<a href="#">39, 193, 226</a>
Decimal	<a href="#">2613839</a>
CIELab	<a href="#">79.26, -72.31, 57.54</a>
CIELCh	<a href="#">79, 92.408, 141.486</a>
Yxy	<a href="#">55.3886, 0.2905, 0.5464</a>
Android (android.graphics.Color)	<a href="#">4280803919</a> ( <a href="#">0xFF27E24F</a> )
YUV	<a href="#">153.3290, -36.6442, -100.2665</a>
Hunter-Lab	<a href="#">74.4235, -59.6207, 38.9227</a>

# Details

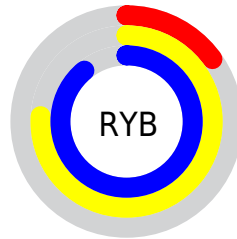
The Hex color **27E24F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E227BA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **77FF86**, and **00A910** is the 20% darker color. If you saturate the color by 10%, you get **10E23D**, and if you desaturate by 10%, it is **3EE261**.

# Distribution



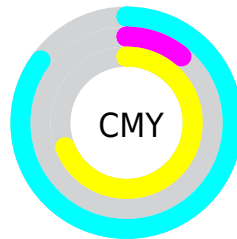
- Red (15%)
- Green (89%)
- Blue (31%)



- Red (15%)
- Yellow (76%)
- Blue (89%)



- Cyan (83%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (85%)
- Magenta (11%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27E24F 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 27E24F by changing the saturation by 10% instead.



 27E24F

 27E24F

FFFFFF

 00C533

 77FF86

 00A910

 98FFA1

 008D00

 B8FFBE

 007200

 D7FFDA

 005800

 F6FFF8

 003F00

 002600

 000000

 27E24F

 27E24F

■ 10E23D

■ 3EE261

■ 00E230

■ 54E273

■ 6BE284

■ 81E296

■ 98E2A8

■ AFE2BA

■ C5E2CB

■ DCE2DD

■ F2E2EF

# Harmonies

## Analogous

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



B0D200



27E24F



00E9A8

# Triad

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



27E24F



00D6FF



FF6C8B

# Complementary

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



27E24F



E227BA

# 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.



FF68E1



27E24F



89B8FF

# Square

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



27E24F



00E6FF



FF8EFF



FF923A

# Rectangle

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



27E24F



00EBE4



FF8EFF



FF65A7

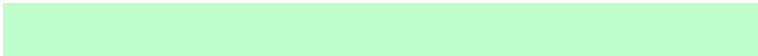


# Sweetspot

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



27E24F



BFFLCD



BDE227



598061



000000



808080



# Same Dimension

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



27E24F



03FF39



27E2AA



657067



00B026



00300A



# Inverse Universe

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



E227BA



FF03C9



E2275F



70656E



B0008A

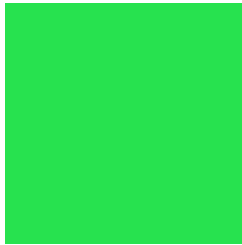


300026



# Previews

## White Background



This preview shows how the Hex color 27E24F looks on a white background.

## Color Contrast Check

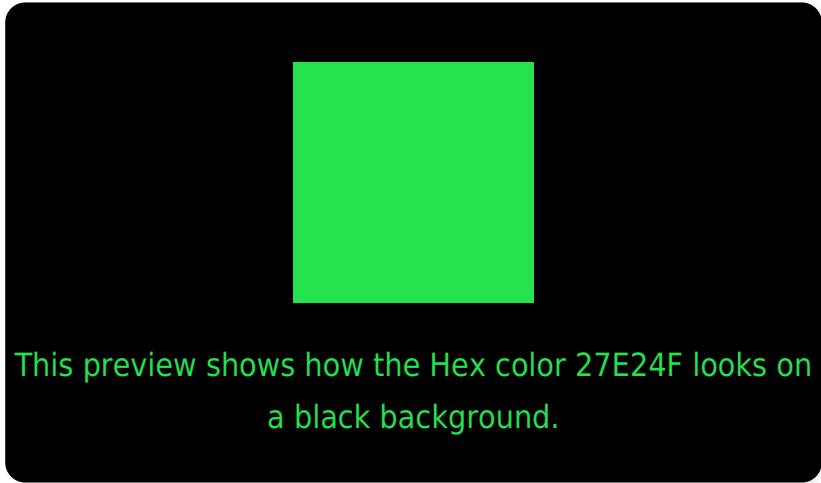
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 27E24F Background



This preview shows how black text looks on a background with the Hex color 27E24F.

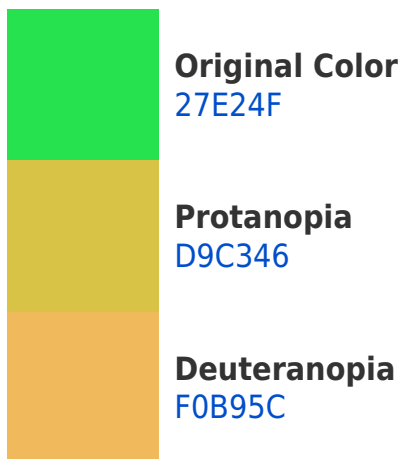


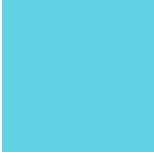
This preview shows how white text looks on a background with the Hex color 27E24F.

# 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](#).

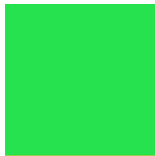
## Dichromacy





**Tritanopia**  
61D3E5

# Trichromacy



**Original Color**  
27E24F



**Protanomaly**  
98CE49



**Deuteranomaly**  
A7C857



**Tritanomaly**  
4CD8AE

# Monochromacy



**Original Color**  
27E24F



**Achromatopsia**  
999999



**Achromatomaly**  
70B47E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27E24F 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 #27E24F looks like.

```
.text, #text, p{  
    color:#27E24F  
}
```

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 #27E24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27E24F
}
```

## Border

The CSS property to change the border of an element to Hex 27E24F 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
#27E24F }
```

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

```
.border{ border-color:#27E24F }
```

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

Here you see how a box with a 4 pixel #27E24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27E24F; -webkit-box-shadow:4px 4px  
4px 4px #27E24F; box-shadow:4px 4px 4px  
4px #27E24F }
```

# Background

The CSS property to change the background color of an element to Hex 27E24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27E24F }
```

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

```
.background{ background-color:#27E24F }
```

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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