

# Converting Colors

Hex(79E26A)

Have a look what the booklet for  
Hex(79E26A) contains.

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**Color**

**Hex(79E26A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79E26A
RGB	121, 226, 106
RGB Percent	47%, 89%, 42%
CMY	0.5255, 0.1137, 0.5843
CMYK	0.46, 0.00, 0.53, 0.11
HSL	112°, 67%, 65%
HSV	112°, 53%, 89%
XYZ	37.6830, 59.4983, 23.1339
YIQ	180.9250, -24.0600, -59.5800

# Conversions

## Conversions Part 2

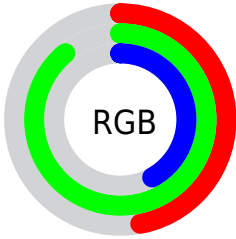
Format	Color
<a href="#">RYB</a>	<a href="#">106, 226, 211</a>
Decimal	<a href="#">7987818</a>
CIELab	<a href="#">81.56, -53.22, 48.87</a>
CIElCh	<a href="#">82, 72.258, 137.439</a>
Yxy	<a href="#">59.4983, 0.3132, 0.4945</a>
Android (android.graphics.Color)	<a href="#">4286177898 (0xFF79E26A)</a>
YUV	<a href="#">180.9250, -36.9380, -52.5542</a>
Hunter-Lab	<a href="#">77.1351, -47.7834, 36.2127</a>

# Details

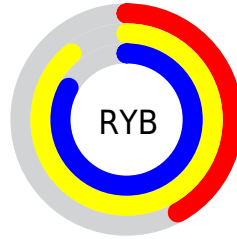
The Hex color **79E26A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D36AE2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B3FFA0**, and **3DAA36** is the 20% darker color. If you saturate the color by 10%, you get **65E253**, and if you desaturate by 10%, it is **8DE281**.

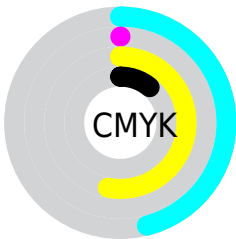
# Distribution



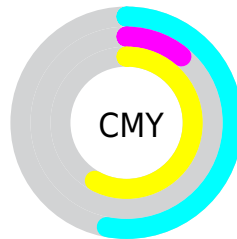
- Red (47%)
- Green (89%)
- Blue (42%)



- Red (42%)
- Yellow (89%)
- Blue (83%)



- Cyan (46%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79E26A 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 79E26A by changing the saturation by 10% instead.



 79E26A

 79E26A

FFFFFF

 5CC650

 B3FFA0

 3DAA36

 D0FFBC

 158F19

 EEFFD8

 007400

 FFFFF5

 005B00

 004200

 002C00

 000B00

 000000

 79E26A

 79E26A

 65E253

 8DE281

 51E23D

 A1E297

 3EE226

 B4E2AE

 2AE210

 C8E2C4

 1CE200

 DCE2DB

 F0E2F2

 FFE2FF

# Harmonies

## Analogous

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



C9D33D



79E26A



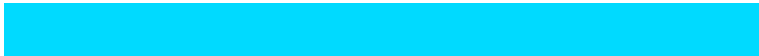
00EAAB

# Triad

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



79E26A



00DAFF



FF8EA6

# Complementary

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



79E26A



D36AE2

# Split Complementary

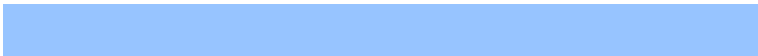
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF90EA



79E26A



97C4FF

# Square

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



79E26A



00E7FF



FFA8FF



FFA269

# Rectangle

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



79E26A



00ECDA



FFA8FF



FF8CBC

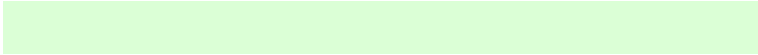


# Sweetspot

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



79E26A



DBFFD6



E2D26A



6A8067



000000



808080



# Same Dimension

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



79E26A



70FF5C



6AE296



667065



16B000



063000



# Inverse Universe

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



D36AE2



EB5CFF



E26AB6



6F6570



9A00B0

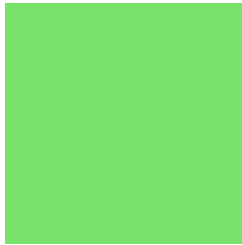


2A0030



# Previews

## White Background



This preview shows how the Hex color 79E26A 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



This preview shows how the Hex color 79E26A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

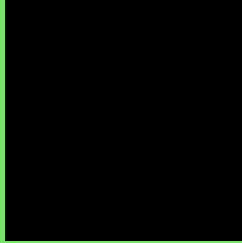
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

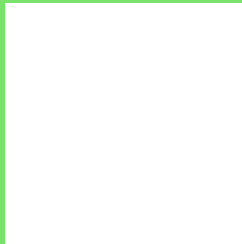
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79E26A Background



This preview shows how black text looks on a background with the Hex color 79E26A.

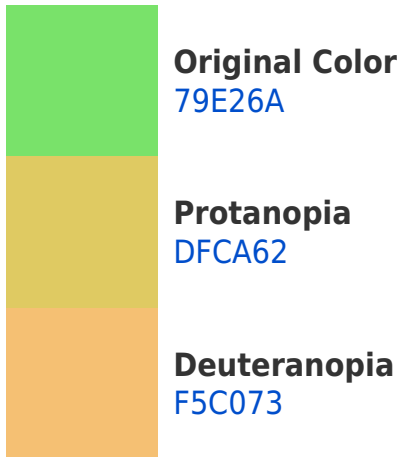


This preview shows how white text looks on a background with the Hex color 79E26A.

# 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**  
91D5E6

# Trichromacy



**Original Color**

79E26A



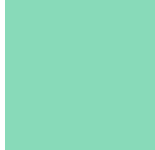
**Protanomaly**

BAD365



**Deuteranomaly**

C8CC70



**Tritanomaly**

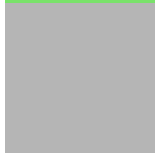
88DAB9

# Monochromacy



**Original Color**

79E26A



**Achromatopsia**

B5B5B5



**Achromatomaly**

9FC59A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79E26A 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 #79E26A looks like.

```
.text, #text, p{  
    color:#79E26A  
}
```

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 #79E26A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79E26A
}
```

## Border

The CSS property to change the border of an element to Hex 79E26A 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
#79E26A }
```

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

```
.border{ border-color:#79E26A }
```

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

Here you see how a box with a 4 pixel #79E26A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79E26A; -webkit-box-shadow:4px 4px  
4px 4px #79E26A; box-shadow:4px 4px 4px  
4px #79E26A }
```

# Background

The CSS property to change the background color of an element to Hex 79E26A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79E26A }
```

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

```
.background{ background-color:#79E26A }
```

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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