

# Converting Colors

Hex(47E66F)

Have a look what the booklet for  
Hex(47E66F) contains.

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**Color**

**Hex(47E66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47E66F
RGB	71, 230, 111
RGB Percent	28%, 90%, 44%
CMY	0.7216, 0.0980, 0.5647
CMYK	0.69, 0.00, 0.52, 0.10
HSL	135°, 76%, 59%
HSV	135°, 69%, 90%
XYZ	33.7646, 59.0809, 24.6631
YIQ	168.8930, -56.5650, -70.7170

# Conversions

## Conversions Part 2

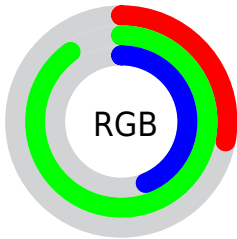
Format	Color
<a href="#">RYB</a>	<a href="#">71, 198, 230</a>
Decimal	<a href="#">4712047</a>
CIELab	<a href="#">81.34, -65.44, 45.91</a>
CIELCh	<a href="#">81, 79.933, 144.950</a>
Yxy	<a href="#">59.0809, 0.2873, 0.5028</a>
Android (android.graphics.Color)	<a href="#">4282902127 (0xFF47E66F)</a>
YUV	<a href="#">168.8930, -28.5412, -85.8522</a>
Hunter-Lab	<a href="#">76.8641, -56.1014, 34.7807</a>

# Details

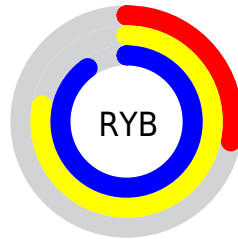
The Hex color **47E66F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle muted spring green. A complement of this color would be **E647BE**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8AFFA5**, and **00AD3B** is the 20% darker color. If you saturate the color by 10%, you get **30E65E**, and if you desaturate by 10%, it is **5EE680**.

# Distribution



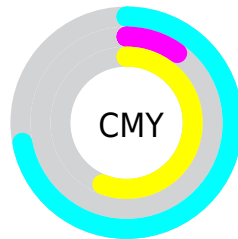
- Red (28%)
- Green (90%)
- Blue (44%)



- Red (28%)
- Yellow (78%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (52%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47E66F 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 47E66F by changing the saturation by 10% instead.



 47E66F

 47E66F

FFFFFF

 15C955

 8AFFA5

 00AD3B

 A9FFC1

 009120

 C7FFDD

 007700

 E6FFFA

 005C00

 004300

 002B00

 000900

 000000

 47E66F

 47E66F

 30E65E

 5EE680

 19E64D

 75E691

 02E63B

 8CE6A3

 00E63A

 A3E6B4

 BAE6C5

 D1E6D6

 E8E6E7

 FFE6F9

 FFE6FF

# Harmonies

## Analogous

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



B3D82F



47E66F



00ECBB

# Triad

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



47E66F



00D7FF



FF8890

# Complementary

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



47E66F



E647BE

# 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.



FF82DA



47E66F



B2BCFF

# Square

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



47E66F



00E7FF



FF9AFF



FFA44E

# Rectangle

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



47E66F



00EDEF



FF9AFF



FF82A8

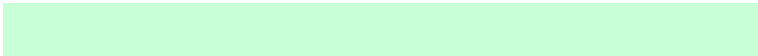


# Sweetspot

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



47E66F



C9FFD7



BEE647



608068



000000



808080



# Same Dimension

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



47E66F



2BFF61



47E6BE



67736A



00B32D



00330D



# Inverse Universe

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



E647BE



FF2BCA



E6476F



736770



B30086

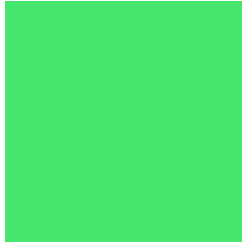


330026



# Previews

## White Background



This preview shows how the Hex color 47E66F looks on a white background.

## Color Contrast Check

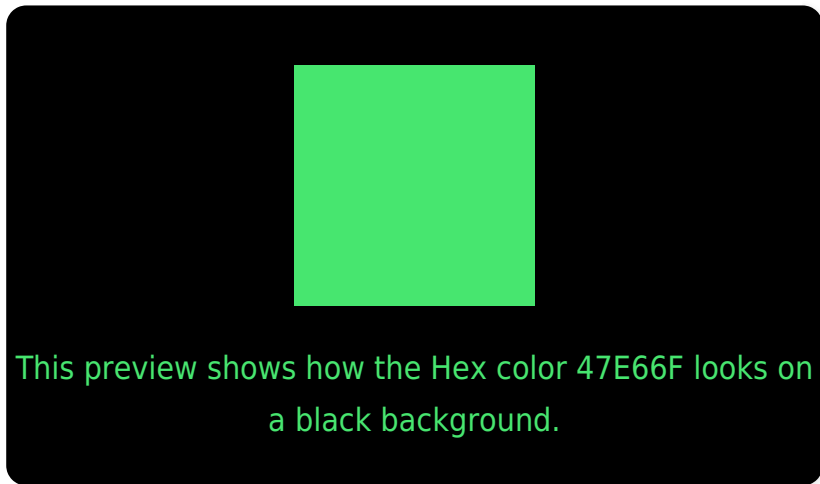
Large Text (above 18pt) WCAG AA × Fail

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

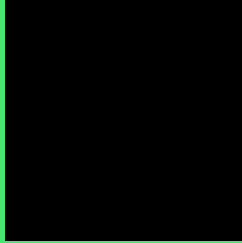
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 47E66F Background



This preview shows how black text looks on a background with the Hex color 47E66F.

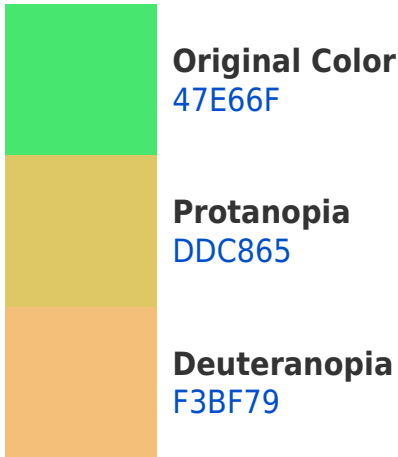


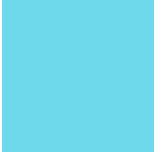
This preview shows how white text looks on a background with the Hex color 47E66F.

# 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**  
6ED9EA

# Trichromacy



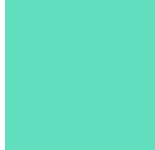
**Original Color**  
47E66F



**Protanomaly**  
A6D369



**Deuteranomaly**  
B4CD75



**Tritanomaly**  
60DEBD

# Monochromacy



**Original Color**  
47E66F



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
85BF94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47E66F 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 #47E66F looks like.

```
.text, #text, p{  
    color:#47E66F  
}
```

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 #47E66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E66F
}
```

## Border

The CSS property to change the border of an element to Hex 47E66F 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
#47E66F }
```

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

```
.border{ border-color:#47E66F }
```

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

Here you see how a box with a 4 pixel #47E66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E66F; -webkit-box-shadow:4px 4px  
4px 4px #47E66F; box-shadow:4px 4px 4px  
4px #47E66F }
```

# Background

The CSS property to change the background color of an element to Hex 47E66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E66F }
```

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

```
.background{ background-color:#47E66F }
```

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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