

# Converting Colors

Hex(37E67D)

Have a look what the booklet for  
Hex(37E67D) contains.

<b>Hex(37E67D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(37E67D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37E67D
RGB	55, 230, 125
RGB Percent	22%, 90%, 49%
CMY	0.7843, 0.0980, 0.5098
CMYK	0.76, 0.00, 0.46, 0.10
HSL	144°, 78%, 56%
HSV	144°, 76%, 90%
XYZ	33.5740, 58.8865, 28.9987
YIQ	165.7050, -70.5950, -69.7550

# Conversions

## Conversions Part 2

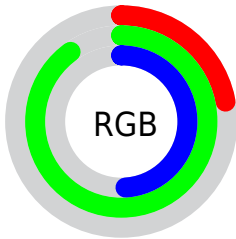
Format	Color
<b>RYB</b>	55, 180, 230
Decimal	3663485
CIELab	81.23, -65.64, 38.96
CIELCh	81, 76.334, 149.311
Yxy	58.8865, 0.2764, 0.4848
Android (android.graphics.Color)	4281853565 (0xFF37E67D)
YUV	165.7050, -20.0676, -97.0883
Hunter-Lab	76.7376, -56.1938, 31.3109

# Details

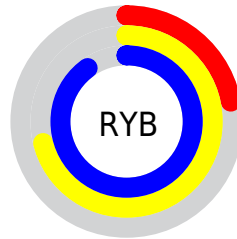
The Hex color **37E67D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E637A0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7FFFB3**, and **00AD4A** is the 20% darker color. If you saturate the color by 10%, you get **20E66F**, and if you desaturate by 10%, it is **4EE68B**.

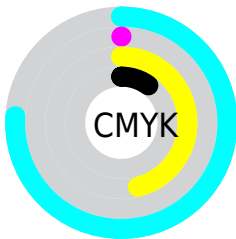
# Distribution



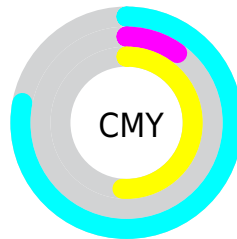
- Red (22%)
- Green (90%)
- Blue (49%)



- Red (22%)
- Yellow (71%)
- Blue (90%)



- Cyan (76%)
- Magenta (0%)
- Yellow (46%)
- Black (10%)



- Cyan (78%)
- Magenta (10%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37E67D 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 37E67D by changing the saturation by 10% instead.



 37E67D

 37E67D

FFFFFF

 00C963

 7FFFB3

 00AD4A

 9FFFCF

 009131

 BEFFEB

 007617

 DDDFFF

 005C00

 FCFFFF

 004300

 002B00

 000800

 000000

 37E67D

 37E67D

 20E66F

 4EE68B

 09E661

 65E699

 00E65C

 7CE6A6

 93E6B4

 AAE6C2

 C1E6D0

 D8E6DE

 EFE6EB

 FFE6F9

# Harmonies

## Analogous

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



A9DA40



37E67D



00EBC6

# Triad

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



37E67D



00D2FF



FF8F88

# Complementary

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



37E67D



E637A0

# 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.



FF85CE



37E67D



C6B8FF

# Square

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



37E67D



00E3FF



FF98FF



FFAA4C

# Rectangle

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



37E67D



00ECF7



FF98FF



FF889F

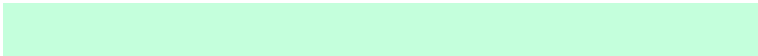


# Sweetspot

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



37E67D



C4FFDC



A0E637



5C806A



000000



808080



# Same Dimension

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



37E67D



17FF74



37E6D4



67736C



00B347



003314



# Inverse Universe

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



E637A0



FF17A2



E63749



73676E



B3006B

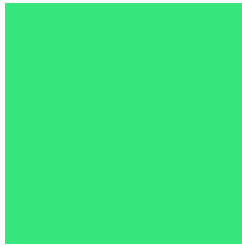


33001F



# Previews

## White Background



This preview shows how the Hex color 37E67D 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 37E67D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

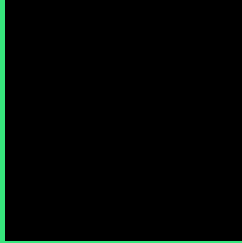
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 37E67D Background



This preview shows how black text looks on a background with the Hex color 37E67D.

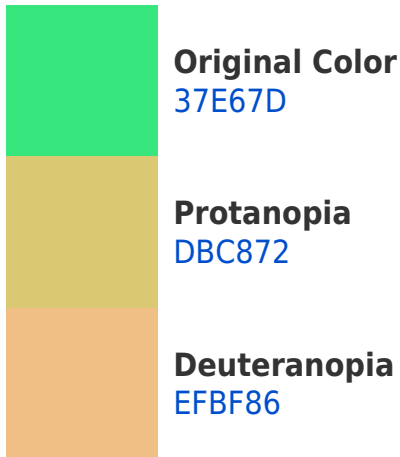


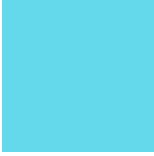
This preview shows how white text looks on a background with the Hex color 37E67D.

# 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**  
64D9EB

# Trichromacy



**Original Color**  
37E67D



**Protanomaly**  
9FD376



**Deuteranomaly**  
ACCD83



**Tritanomaly**  
54DEC3

# Monochromacy



**Original Color**  
37E67D



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
7EBD97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37E67D 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 #37E67D looks like.

```
.text, #text, p{  
    color:#37E67D  
}
```

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 #37E67D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37E67D
}
```

## Border

The CSS property to change the border of an element to Hex 37E67D 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
#37E67D }
```

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

```
.border{ border-color:#37E67D }
```

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

Here you see how a box with a 4 pixel #37E67D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37E67D; -webkit-box-shadow:4px 4px  
4px 4px #37E67D; box-shadow:4px 4px 4px  
4px #37E67D }
```

# Background

The CSS property to change the background color of an element to Hex 37E67D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37E67D }
```

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

```
.background{ background-color:#37E67D }
```

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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