

# Converting Colors

Hex(35E47A)

Have a look what the booklet for  
Hex(35E47A) contains.

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**Color**

**Hex(35E47A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35E47A
RGB	53, 228, 122
RGB Percent	21%, 89%, 48%
CMY	0.7922, 0.1059, 0.5216
CMYK	0.77, 0.00, 0.46, 0.11
HSL	144°, 76%, 55%
HSV	144°, 77%, 89%
XYZ	32.7245, 57.6488, 27.8149
YIQ	163.5910, -70.2740, -70.0660

# Conversions

## Conversions Part 2

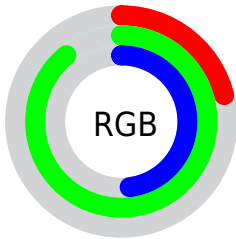
Format	Color
<a href="#">RYB</a>	<a href="#">53, 179, 228</a>
Decimal	<a href="#">3531898</a>
CIELab	<a href="#">80.54, -65.69, 39.55</a>
CIELCh	<a href="#">81, 76.681, 148.950</a>
Yxy	<a href="#">57.6488, 0.2769, 0.4878</a>
Android (android.graphics.Color)	<a href="#">4281721978 (0xFF35E47A)</a>
YUV	<a href="#">163.5910, -20.5044, -96.9883</a>
Hunter-Lab	<a href="#">75.9268, -55.9385, 31.4286</a>

# Details

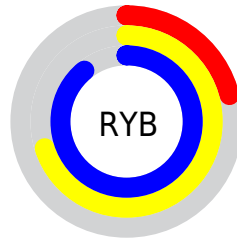
The Hex color **35E47A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E4359F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7EFFB0**, and **00AB47** is the 20% darker color. If you saturate the color by 10%, you get **1EE46C**, and if you desaturate by 10%, it is **4CE488**.

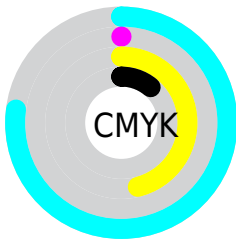
# Distribution



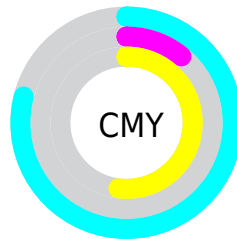
- Red (21%)
- Green (89%)
- Blue (48%)



- Red (21%)
- Yellow (70%)
- Blue (89%)



- Cyan (77%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (79%)
- Magenta (11%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35E47A 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 35E47A by changing the saturation by 10% instead.



 35E47A

 35E47A


FFFFFF

 00C760

 7EFFB0

 00AB47

 9DFFCC

 00902E

 BCFFE8

 007513

 DBFFFF

 005B00

 FAFFFF

 004100

 002900

 000400

 000000

 35E47A

 35E47A

 1EE46C

 4CE488

 07E45E

 63E496

 00E45A

 79E4A3

 90E4B1

 A7E4BF

 BEE4CD

 D5E4DB

 EBE4E8

 FFE4F6

# Harmonies

## Analogous

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



A7D83D



35E47A



00E9C3

# Triad

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



35E47A



00D1FF



FF8C87

# Complementary

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



35E47A



E4359F

# 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.



FF83CD



35E47A



C3B6FF

# Square

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



35E47A



00E2FF



FF96FF



FFA84B

# Rectangle

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



35E47A



00EAF4



FF96FF



FF869E

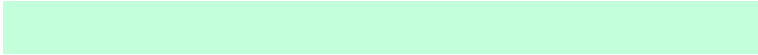


# Sweetspot

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



35E47A



C4FFDB



A1E435



5C806A



000000



808080



# Same Dimension

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



35E47A



14FF71



35E4D0



67736C



00B346



003314



# Inverse Universe

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



E4359F



FF14A3



E43549



73676E



B3006C



33001F



# Previews

## White Background



This preview shows how the Hex color 35E47A 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 35E47A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

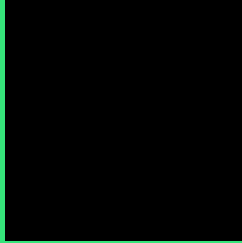
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 35E47A Background



This preview shows how black text looks on a background with the Hex color 35E47A.

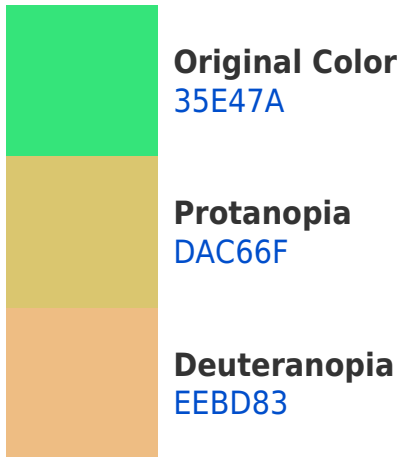


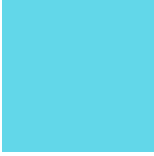
This preview shows how white text looks on a background with the Hex color 35E47A.

# 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**  
62D7E9

# Trichromacy



**Original Color**  
35E47A



**Protanomaly**  
9ED173



**Deuteranomaly**  
ABCB80



**Tritanomaly**  
52DCC1

# Monochromacy



**Original Color**  
35E47A



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
7CBB95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35E47A 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 #35E47A looks like.

```
.text, #text, p{  
    color:#35E47A  
}
```

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 #35E47A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35E47A
}
```

## Border

The CSS property to change the border of an element to Hex 35E47A 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
#35E47A }
```

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

```
.border{ border-color:#35E47A }
```

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

Here you see how a box with a 4 pixel #35E47A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35E47A; -webkit-box-shadow:4px 4px  
4px 4px #35E47A; box-shadow:4px 4px 4px  
4px #35E47A }
```

# Background

The CSS property to change the background color of an element to Hex 35E47A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35E47A }
```

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

```
.background{ background-color:#35E47A }
```

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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