

# Converting Colors

Hex(45C37D)

Have a look what the booklet for  
Hex(45C37D) contains.

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**Color**

**Hex(45C37D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45C37D
RGB	69, 195, 125
RGB Percent	27%, 76%, 49%
CMY	0.7294, 0.2353, 0.5098
CMYK	0.65, 0.00, 0.36, 0.24
HSL	147°, 51%, 52%
HSV	147°, 65%, 76%
XYZ	25.6710, 41.7761, 26.1126
YIQ	149.3460, -52.6260, -48.4820

# Conversions

## Conversions Part 2

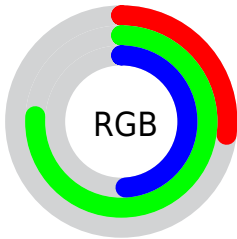
Format	Color
<a href="#">RYB</a>	<a href="#">69, 156, 195</a>
Decimal	<a href="#">4572029</a>
CIELab	<a href="#">70.72, -50.58, 25.25</a>
CIELCh	<a href="#">71, 56.530, 153.468</a>
Yxy	<a href="#">41.7761, 0.2744, 0.4465</a>
Android (android.graphics.Color)	<a href="#">4282762109 (0xFF45C37D)</a>
YUV	<a href="#">149.3460, -12.0026, -70.4634</a>
Hunter-Lab	<a href="#">64.6344, -42.2149, 21.2906</a>

# Details

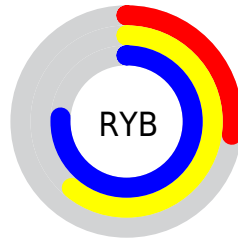
The Hex color **45C37D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C3458B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **82FCB2**, and **008C4B** is the 20% darker color. If you saturate the color by 10%, you get **31C372**, and if you desaturate by 10%, it is **59C388**.

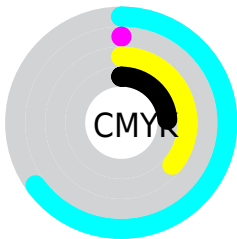
# Distribution



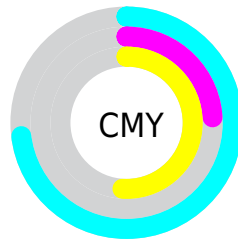
- Red (27%)
- Green (76%)
- Blue (49%)



- Red (27%)
- Yellow (61%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45C37D 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 45C37D by changing the saturation by 10% instead.



 45C37D

 45C37D

FFFFFF

 1FA764

 82FCB2

 008C4B

 9FFFCE

 007234

 BDFFEA

 00581D

 DAFFFF

 004006

 F8FFFF

 002A00

 000500

 000000

 45C37D

 45C37D

■ 31C372

■ 59C388

■ 1EC367

■ 6CC393

■ 0BC35D

■ 80C39E

■ 00C357

■ 93C3A8

■ A7C3B3

■ BAC3BE

■ CEC3C9

■ E1C3D4

■ F4C3DE

# Harmonies

## Analogous

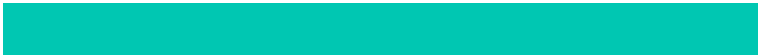
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FBA53



45C37D



00C7B2

# Triad

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



45C37D



53B1FF



FF8777

# Complementary

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



45C37D



C3458B

# 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.



FF80A9



45C37D



B89DFF

# Square

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



45C37D



00BEFF



F189DC



EE9A50

# Rectangle

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



45C37D



00C6D4



F189DC



FF8387

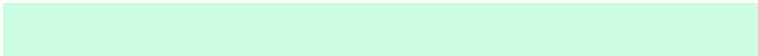


# Sweetspot

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



45C37D



CCFCE2



8CC345



62806F



000000



808080



# Same Dimension

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



45C37D



38FC8F



45C3BB



57615C



00A147



00210F



# Inverse Universe

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



C3458B



FC38A5



C3454D



61575D



A10059



210012



# Previews

## White Background



This preview shows how the Hex color 45C37D looks on a white background.

## Color Contrast Check

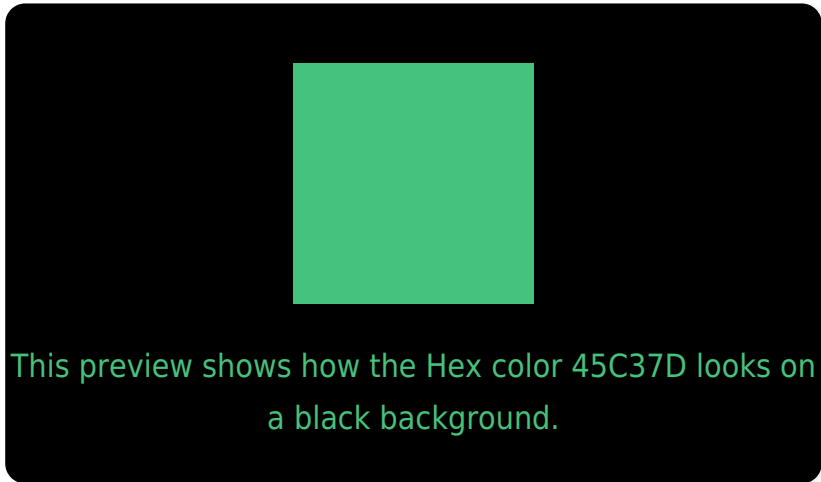
Large Text (above 18pt) WCAG AA × Fail

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

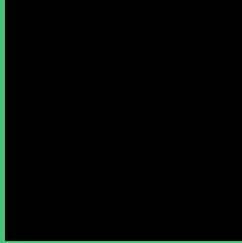
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45C37D Background



This preview shows how black text looks on a background with the Hex color 45C37D.

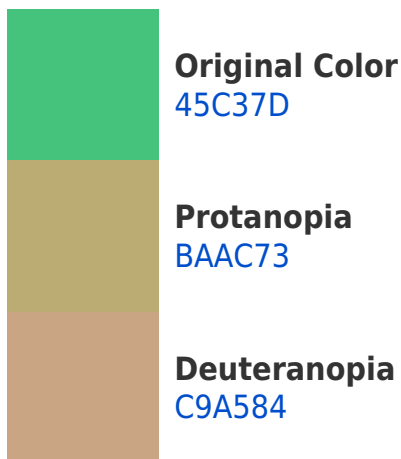


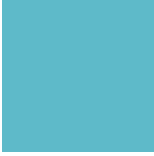
This preview shows how white text looks on a background with the Hex color 45C37D.

# 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





# Trichromacy



**Original Color**  
45C37D



**Protanomaly**  
8FB477



**Deuteranomaly**  
99B081



**Tritanomaly**  
55BDAD

# Monochromacy



**Original Color**  
45C37D



**Achromatopsia**  
959595



**Achromatomaly**  
78A68C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45C37D 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 #45C37D looks like.

```
.text, #text, p{  
    color:#45C37D  
}
```

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 #45C37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C37D
}
```

## Border

The CSS property to change the border of an element to Hex 45C37D 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
#45C37D }
```

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

```
.border{ border-color:#45C37D }
```

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

Here you see how a box with a 4 pixel #45C37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C37D; -webkit-box-shadow:4px 4px  
4px 4px #45C37D; box-shadow:4px 4px 4px  
4px #45C37D }
```

# Background

The CSS property to change the background color of an element to Hex 45C37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C37D }
```

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

```
.background{ background-color:#45C37D }
```

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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