

Converting Colors

Hex(65B37D)

Have a look what the booklet for
Hex(65B37D) contains.

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Color

Hex(65B37D)

Conversions

Conversions Part 1

Format	Color
Hex	65B37D
RGB	101, 179, 125
RGB Percent	40%, 70%, 49%
CMY	0.6039, 0.2980, 0.5098
CMYK	0.44, 0.00, 0.30, 0.30
HSL	138°, 34%, 55%
HSV	138°, 44%, 70%
XYZ	25.1886, 36.4876, 25.1173
YIQ	149.5220, -29.1540, -33.3300

Conversions

Conversions Part 2

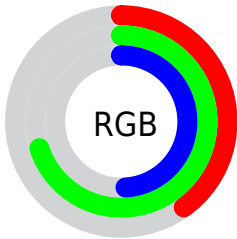
Format	Color
RYB	101, 161, 179
Decimal	6665085
CIELab	66.89, -36.13, 20.26
CIELCh	67, 41.416, 150.720
Yxy	36.4876, 0.2902, 0.4204
Android (android.graphics.Color)	4284855165 (0xFF65B37D)
YUV	149.5220, -12.0893, -42.5538
Hunter-Lab	60.4049, -31.2749, 17.6298

Details

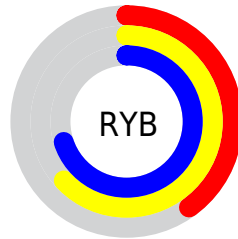
The Hex color **65B37D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B3659B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9BEBB2**, and **2F7E4C** is the 20% darker color. If you saturate the color by 10%, you get **53B371**, and if you desaturate by 10%, it is **77B389**.

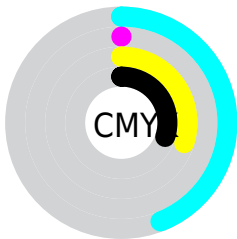
Distribution



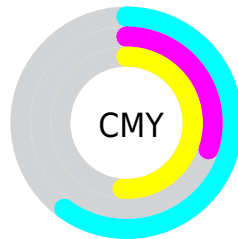
- Red (40%)
- Green (70%)
- Blue (49%)



- Red (40%)
- Yellow (63%)
- Blue (70%)



- Cyan (44%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B37D 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 65B37D by changing the saturation by 10% instead.

 65B37D

 65B37D

FFFFFF

 4A9864

 9BEBB2

 2F7E4C

 B7FFCD

 0D6435

 D4FFEA

 004C1F

 F1FFFF

 003408

 002000

 000000

 65B37D

 65B37D

 53B371

 77B389

 41B364

 89B396

 2FB358

 9BB3A2

 1DB34B

 ADB3AF

 0CB33F

 BFB3BB

 00B337

 D0B3C7

 E2B3D4

 F4B3E0

 FFB3ED

Harmonies

Analogous

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



93AC61



65B37D



21B6A2

Triad

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



65B37D



6AA6ED



E9887F

Complementary

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



65B37D



B3659B

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.



E885A3



65B37D



A799E3

Square

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



65B37D



00B0E3



D28CC8



D79463

Rectangle

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



65B37D



00B6BC



D28CC8



EA868A

Sweetspot

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



65B37D



CAE8D3



9CB365



637568



F5F5F5



757575

Same Dimension

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



65B37D



6FE895



65B3A3



505953



00992F



001A08

Inverse Universe

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



B3659B



E86FC3



B36575



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 65B37D looks on a white background.

Color Contrast Check

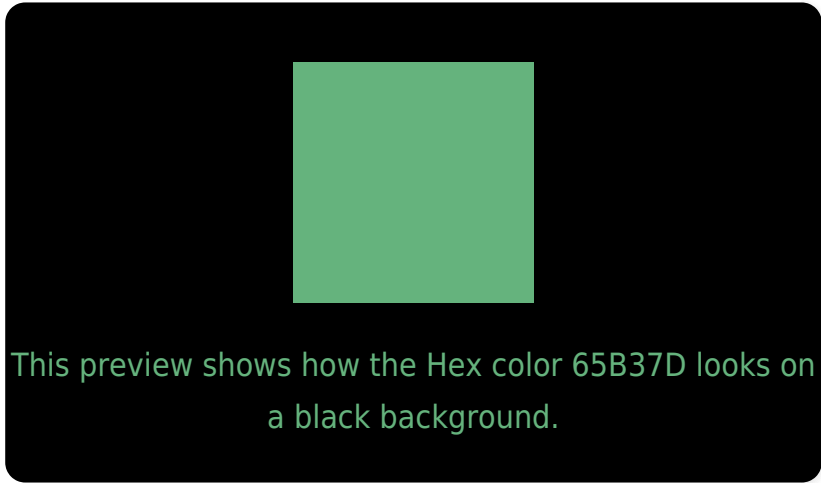
Large Text (above 18pt) WCAG AA × Fail

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

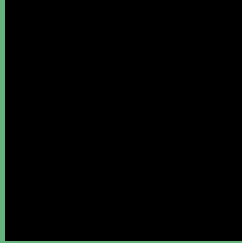
Any Text WCAG AA ✓ Pass

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 65B37D Background



This preview shows how black text looks on a background with the Hex color 65B37D.

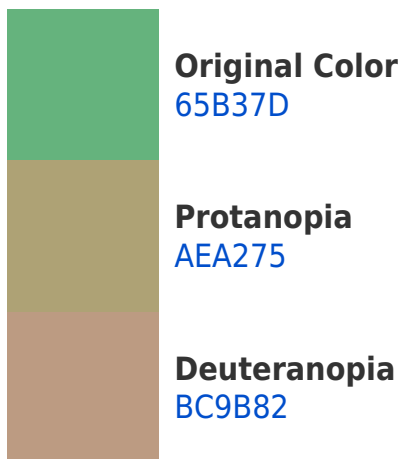


This preview shows how white text looks on a background with the Hex color 65B37D.

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](#).

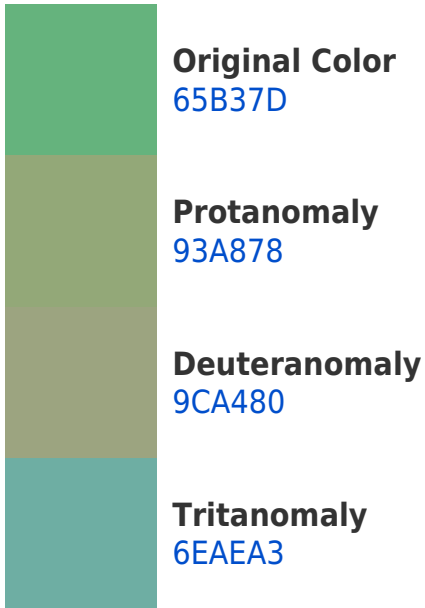
Dichromacy



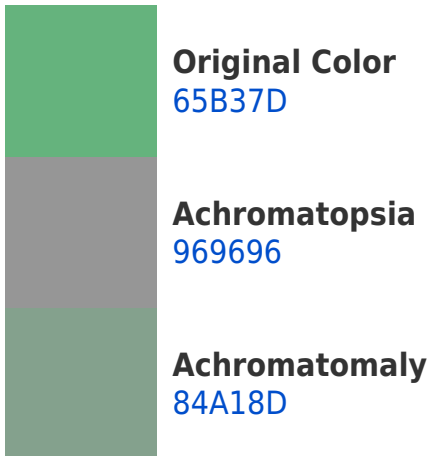


Tritanopia
73ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B37D 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 #65B37D looks like.

```
.text, #text, p{  
    color:#65B37D  
}
```

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 #65B37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B37D
}
```

Border

The CSS property to change the border of an element to Hex 65B37D 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
#65B37D }
```

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

```
.border{ border-color:#65B37D }
```

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

Here you see how a box with a 4 pixel #65B37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B37D; -webkit-box-shadow:4px 4px  
4px 4px #65B37D; box-shadow:4px 4px 4px  
4px #65B37D }
```

Background

The CSS property to change the background color of an element to Hex 65B37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B37D }
```

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

```
.background{ background-color:#65B37D }
```

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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