

Converting Colors

Hex(65E07B)

Have a look what the booklet for
Hex(65E07B) contains.

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Color

Hex(65E07B)

Conversions

Conversions Part 1

Format	Color
Hex	65E07B
RGB	101, 224, 123
RGB Percent	40%, 88%, 48%
CMY	0.6039, 0.1216, 0.5176
CMYK	0.55, 0.00, 0.45, 0.12
HSL	131°, 66%, 64%
HSV	131°, 55%, 88%
XYZ	35.5976, 57.5081, 27.9629
YIQ	175.7090, -40.8870, -57.4870

Conversions

Conversions Part 2

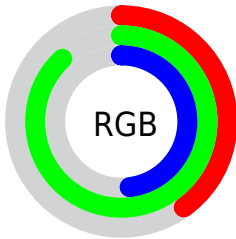
Format	Color
RYB	101, 205, 224
Decimal	6676603
CIELab	80.46, -55.38, 39.19
CIELCh	80, 67.849, 144.716
Yxy	57.5081, 0.2940, 0.4750
Android (android.graphics.Color)	4284866683 (0xFF65E07B)
YUV	175.7090, -25.9855, -65.5198
Hunter-Lab	75.8341, -48.9191, 31.2214

Details

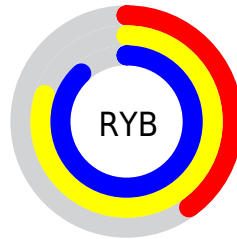
The Hex color **65E07B** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E065CA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A0FFB1**, and **1FA848** is the 20% darker color. If you saturate the color by 10%, you get **4FE069**, and if you desaturate by 10%, it is **7BE08D**.

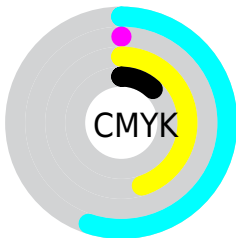
Distribution



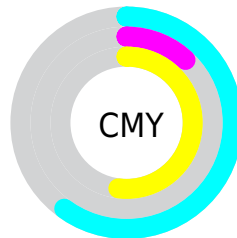
- Red (40%)
- Green (88%)
- Blue (48%)



- Red (40%)
- Yellow (80%)
- Blue (88%)



- Cyan (55%)
- Magenta (0%)
- Yellow (45%)
- Black (12%)



- Cyan (60%)
- Magenta (12%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E07B 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 65E07B by changing the saturation by 10% instead.

 65E07B

 65E07B

FFFFFF

 46C461

 A0FFB1

 1FA848

 BEFFCD

 008D2F

 DCFE9

 007215

 FAFFFF

 005800

 004000

 002900

 000300

 000000

 65E07B

 65E07B

 4FE069

 7BE08D

 38E056

 92E0A0

 22E044

 A8E0B2

 0BE031

 BFE0C5

 00E028

 D5E0D7

 EBE0E9

 FFE0FC

 FFE0FF

Harmonies

Analogous

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



B7D44C



65E07B



00E6BA

Triad

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



65E07B



00D2FF



FF9396

Complementary

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



65E07B



E065CA

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.



FF8FD6



65E07B



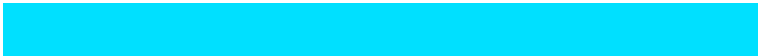
B7BCFF

Square

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



65E07B



00E0FF



FFA1FF



FFA861

Rectangle

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



65E07B



00E7E6



FFA1FF



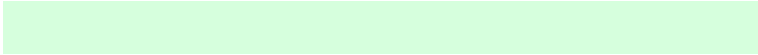
FF8FAB

Sweetspot

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



65E07B



D6FFDD



CBE065



67806C



000000



808080

Same Dimension

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



65E07B



57FF75



65E0B7



657067



00B01F



003009

Inverse Universe

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



E065CA



FF57E1



E0658E



70656E



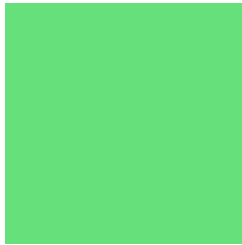
B00090



300028

Previews

White Background



This preview shows how the Hex color 65E07B looks on a white background.

Color Contrast Check

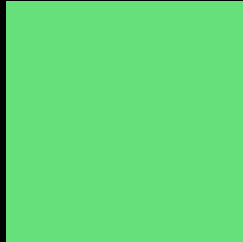
Large Text (above 18pt) WCAG AA × Fail

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 65E07B 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 65E07B Background



This preview shows how black text looks on a background with the Hex color 65E07B.

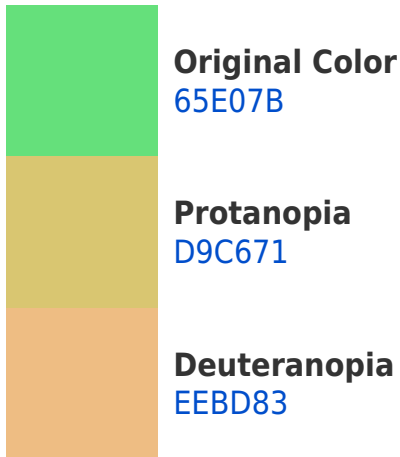


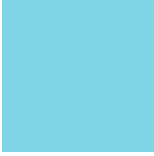
This preview shows how white text looks on a background with the Hex color 65E07B.

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
7FD4E5

Trichromacy



Original Color
65E07B



Protanomaly
AFCF75



Deuteranomaly
BCCA80



Tritanomaly
76D8BE

Monochromacy



Original Color
65E07B



Achromatopsia
B0B0B0



Achromatomaly
95C19D

CSS Examples

Text

The CSS property to change the color of the text to Hex 65E07B 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 #65E07B looks like.

```
.text, #text, p{  
    color:#65E07B  
}
```

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 #65E07B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E07B
}
```

Border

The CSS property to change the border of an element to Hex 65E07B 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
#65E07B }
```

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

```
.border{ border-color:#65E07B }
```

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

Here you see how a box with a 4 pixel #65E07B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E07B; -webkit-box-shadow:4px 4px  
4px 4px #65E07B; box-shadow:4px 4px 4px  
4px #65E07B }
```

Background

The CSS property to change the background color of an element to Hex 65E07B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E07B }
```

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

```
.background{ background-color:#65E07B }
```

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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