

Converting Colors

Hex(55D07B)

Have a look what the booklet for
Hex(55D07B) contains.

Hex(55D07B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(55D07B)

Conversions

Conversions Part 1

Format	Color
Hex	55D07B
RGB	85, 208, 123
RGB Percent	33%, 82%, 48%
CMY	0.6667, 0.1843, 0.5176
CMYK	0.59, 0.00, 0.41, 0.18
HSL	139°, 57%, 57%
HSV	139°, 59%, 82%
XYZ	29.8773, 48.4731, 26.5204
YIQ	161.5330, -46.0230, -52.5110

Conversions

Conversions Part 2

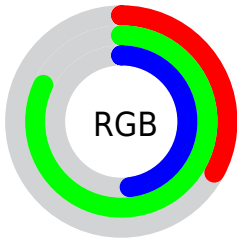
Format	Color
RYB	85, 179, 208
Decimal	5623931
CIELab	75.12, -52.80, 32.21
CIELCh	75, 61.848, 148.619
Yxy	48.4731, 0.2849, 0.4622
Android (android.graphics.Color)	4283814011 (0xFF55D07B)
YUV	161.5330, -18.9968, -67.1194
Hunter-Lab	69.6226, -45.2394, 26.1513

Details

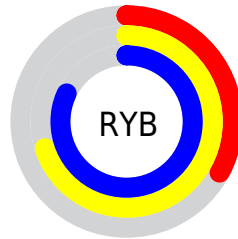
The Hex color **55D07B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D055AA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **91FFB0**, and **009849** is the 20% darker color. If you saturate the color by 10%, you get **40D06D**, and if you desaturate by 10%, it is **6AD089**.

Distribution



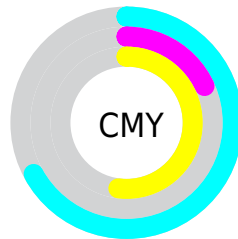
- Red (33%)
- Green (82%)
- Blue (48%)



- Red (33%)
- Yellow (70%)
- Blue (82%)



- Cyan (59%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55D07B 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 55D07B by changing the saturation by 10% instead.

 55D07B

 55D07B

FFFFFF

 34B461

 91FFB0

 009849

 AEFCC

 007E31

 CBFFE8

 006419

 E9FFFF

 004B00

 003300

 001A00

 000000

 55D07B

 55D07B

 40D06D

 6AD089

 2BD05E

 7FD098

 17D050

 93D0A6

 02D042

 A8D0B4

 00D040

 BDD0C3

 D2D0D1

 E7D0E0

 FBD0EE

 FFD0FC

Harmonies

Analogous

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



A2C64F



55D07B



00D5B4

Triad

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



55D07B



25C0FF



FF8C86

Complementary

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



55D07B



D055AA

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.



FF86BE



55D07B



B7ABFF

Square

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



55D07B



00CEFF



FC94F5



FFA058

Rectangle

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



55D07B



00D5DC



FC94F5



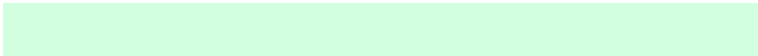
FF8898

Sweetspot

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



55D07B



D1FFDF



ABD055



63806C



000000



808080

Same Dimension

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



55D07B



4AFF82



55D0B7



5E6961



00A834



00290D

Inverse Universe

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



D055AA



FF4AC7



D0556E



695E65



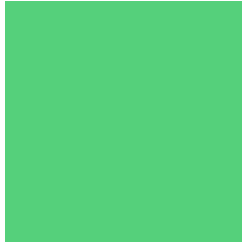
A80074



29001C

Previews

White Background



This preview shows how the Hex color 55D07B 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 55D07B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

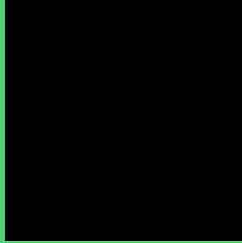
Any Text WCAG AA ✓ Pass

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 55D07B Background



This preview shows how black text looks on a background with the Hex color 55D07B.

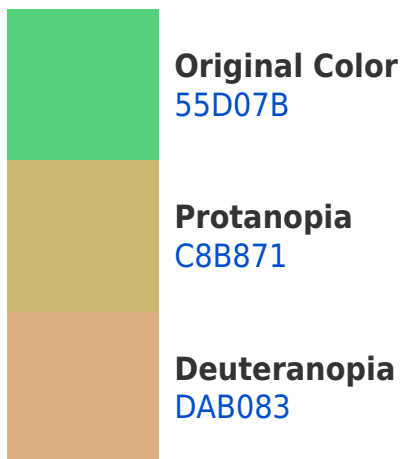


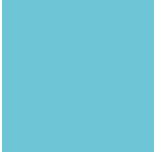
This preview shows how white text looks on a background with the Hex color 55D07B.

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](#).

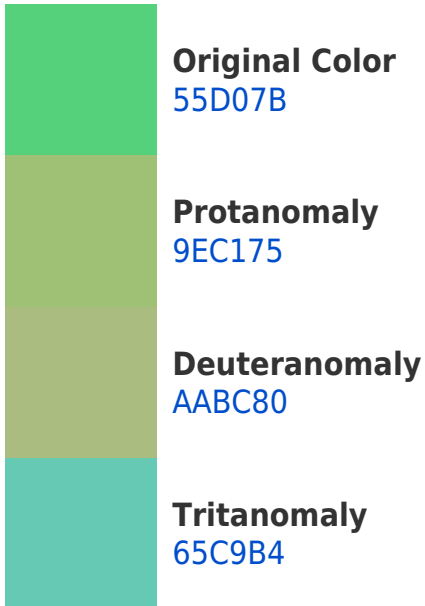
Dichromacy



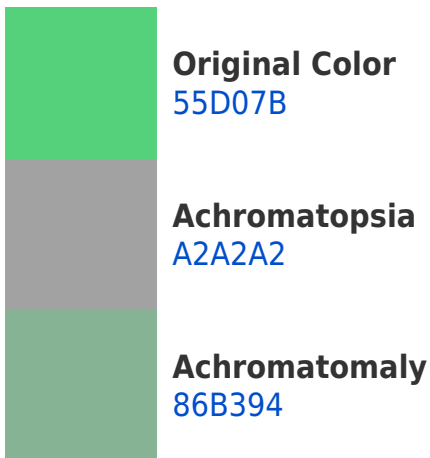


Tritanopia
6EC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55D07B 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 #55D07B looks like.

```
.text, #text, p{  
    color:#55D07B  
}
```

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 #55D07B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D07B
}
```

Border

The CSS property to change the border of an element to Hex 55D07B 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
#55D07B }
```

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

```
.border{ border-color:#55D07B }
```

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

Here you see how a box with a 4 pixel #55D07B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D07B; -webkit-box-shadow:4px 4px  
4px 4px #55D07B; box-shadow:4px 4px 4px  
4px #55D07B }
```

Background

The CSS property to change the background color of an element to Hex 55D07B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D07B }
```

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

```
.background{ background-color:#55D07B }
```

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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