

Converting Colors

Hex(57D686)

Have a look what the booklet for
Hex(57D686) contains.

Hex(57D686)	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(57D686)

Conversions

Conversions Part 1

Format	Color
Hex	57D686
RGB	87, 214, 134
RGB Percent	34%, 84%, 53%
CMY	0.6588, 0.1608, 0.4745
CMYK	0.59, 0.00, 0.37, 0.16
HSL	142°, 61%, 59%
HSV	142°, 59%, 84%
XYZ	32.2801, 51.8406, 30.8592
YIQ	166.9070, -50.0120, -51.8040

Conversions

Conversions Part 2

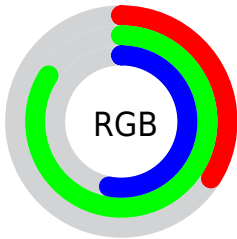
Format	Color
RYB	87, 180, 214
Decimal	5756550
CIELab	77.19, -52.81, 29.29
CIELCh	77, 60.393, 150.986
Yxy	51.8406, 0.2807, 0.4509
Android (android.graphics.Color)	4283946630 (0xFF57D686)
YUV	166.9070, -16.2232, -70.0784
Hunter-Lab	72.0004, -45.9734, 24.9888

Details

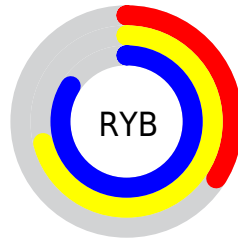
The Hex color **57D686** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D657A7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **93FFBC**, and **009E53** is the 20% darker color. If you saturate the color by 10%, you get **42D679**, and if you desaturate by 10%, it is **6CD693**.

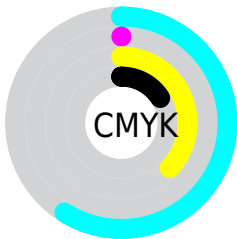
Distribution



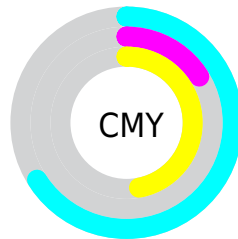
- Red (34%)
- Green (84%)
- Blue (53%)



- Red (34%)
- Yellow (71%)
- Blue (84%)



- Cyan (59%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D686 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 57D686 by changing the saturation by 10% instead.

 57D686

 57D686

FFFFFF

 36BA6C


 93FFBC

 009E53

 B0FFD8

 00833B

 CEFFF4

 006924

 ECFFFF

 00500C

 003800

 002100

 000000

 57D686

 57D686

 42D679

 6CD693

 2CD66B

 82D6A1

 17D65E

 97D6AE

 01D650

 ADD6BC

 00D64F

 C2D6C9

 D7D6D7

 EDD6E4

 FFD6F2

 FFD6FF

Harmonies

Analogous

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



A4CC5A



57D686



00DABF

Triad

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



57D686



50C4FF



FF9488

Complementary

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



57D686



D657A7

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.



FF8EBF



57D686



C4AFFF

Square

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



57D686



00D2FF



FF99F6



FFA85D

Rectangle

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



57D686



00DAE5



FF99F6



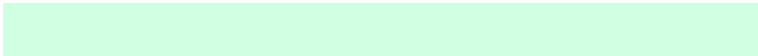
FF909A

Sweetspot

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



57D686



D1FFE2



A7D657



63806E



000000



808080

Same Dimension

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



57D686



4AFF8D



57D6C5



606B64



00AB3F



002B10

Inverse Universe

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



D657A7



FF4ABC



D65768



6B6067



AB006C



2B001B

Previews

White Background



This preview shows how the Hex color 57D686 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 57D686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

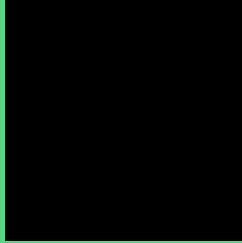
Any Text WCAG AA ✓ Pass

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 57D686 Background



This preview shows how black text looks on a background with the Hex color 57D686.

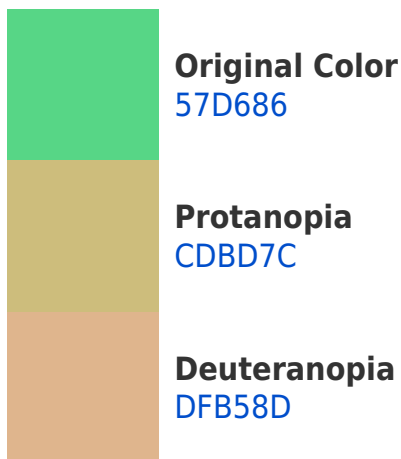


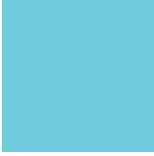
This preview shows how white text looks on a background with the Hex color 57D686.

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

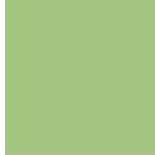




Trichromacy



Original Color
57D686



Protanomaly
A2C680



Deuteranomaly
AEC18A



Tritanomaly
67D0BD

Monochromacy



Original Color
57D686



Achromatopsia
A7A7A7



Achromatomaly
8AB89B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57D686 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 #57D686 looks like.

```
.text, #text, p{  
    color:#57D686  
}
```

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 #57D686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D686
}
```

Border

The CSS property to change the border of an element to Hex 57D686 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
#57D686 }
```

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

```
.border{ border-color:#57D686 }
```

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

Here you see how a box with a 4 pixel #57D686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D686; -webkit-box-shadow:4px 4px  
4px 4px #57D686; box-shadow:4px 4px 4px  
4px #57D686 }
```

Background

The CSS property to change the background color of an element to Hex 57D686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D686 }
```

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

```
.background{ background-color:#57D686 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor