

Converting Colors

Hex(55D573)

Have a look what the booklet for
Hex(55D573) contains.

Hex(55D573)	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(55D573)

Conversions

Conversions Part 1

Format	Color
Hex	55D573
RGB	85, 213, 115
RGB Percent	33%, 84%, 45%
CMY	0.6667, 0.1647, 0.5490
CMYK	0.60, 0.00, 0.46, 0.16
HSL	134°, 60%, 58%
HSV	134°, 60%, 84%
XYZ	30.6351, 50.7576, 24.4022
YIQ	163.5560, -44.8300, -57.6140

Conversions

Conversions Part 2

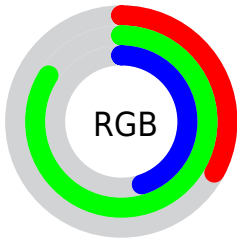
Format	Color
RYB	85, 189, 213
Decimal	5625203
CIELab	76.53, -56.03, 38.05
CIELCh	77, 67.728, 145.815
Yxy	50.7576, 0.2896, 0.4798
Android (android.graphics.Color)	4283815283 (0xFF55D573)
YUV	163.5560, -23.9381, -68.8936
Hunter-Lab	71.2444, -47.9227, 29.5634

Details

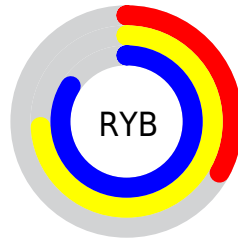
The Hex color **55D573** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D555B7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **91FFA8**, and **009D40** is the 20% darker color. If you saturate the color by 10%, you get **40D563**, and if you desaturate by 10%, it is **6AD583**.

Distribution



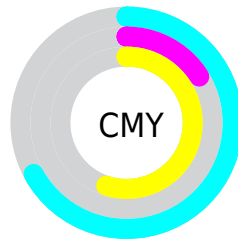
- Red (33%)
- Green (84%)
- Blue (45%)



- Red (33%)
- Yellow (74%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55D573 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 55D573 by changing the saturation by 10% instead.

 55D573

 55D573

FFFFFF

 33B959

 91FFA8

 009D40

 AFFFC4

 008228

 CDFFE0

 00680D

 EBFFFD

 004F00

 003700

 001F00

 000000

 55D573

 55D573

 40D563

 6AD583

 2AD552

 80D594

 15D542

 95D5A4

 00D532

 AAD5B4

 C0D5C5

 D5D5D5

 EAD5E5

 FFD5F5

 FFD5FF

Harmonies

Analogous

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



A9C943



55D573



00DBB2

Triad

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



55D573



00C7FF



FF898A

Complementary

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



55D573



D555B7

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.



FF84C8



55D573



AFB0FF

Square

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



55D573



00D5FF



FF95FF



FF9E55

Rectangle

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



55D573



00DBDD



FF95FF



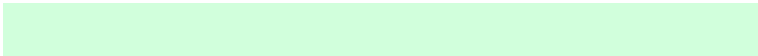
FF849E

Sweetspot

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



55D573



D1FFDC



B7D555



63806A



000000



808080

Same Dimension

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



55D573



47FF72



55D5B3



606B63



00AB28



002B0A

Inverse Universe

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



D555B7



FF47D4



D55577



6B6069



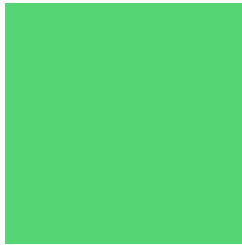
AB0083



2B0021

Previews

White Background



This preview shows how the Hex color 55D573 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 55D573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

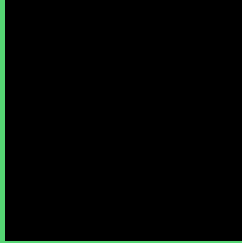
Any Text WCAG AA ✓ Pass

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 55D573 Background



This preview shows how black text looks on a background with the Hex color 55D573.

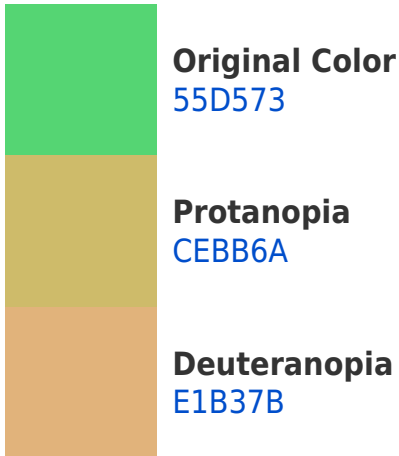


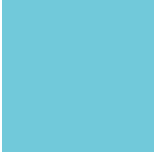
This preview shows how white text looks on a background with the Hex color 55D573.

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
71C9DA

Trichromacy



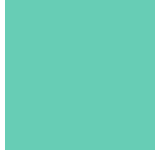
Original Color
55D573



Protanomaly
A2C46D



Deuteranomaly
AEBF78



Tritanomaly
67CDB5

Monochromacy



Original Color
55D573



Achromatopsia
A4A4A4



Achromatomaly
87B692

CSS Examples

Text

The CSS property to change the color of the text to Hex 55D573 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 #55D573 looks like.

```
.text, #text, p{  
    color:#55D573  
}
```

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 #55D573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D573
}
```

Border

The CSS property to change the border of an element to Hex 55D573 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
#55D573 }
```

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

```
.border{ border-color:#55D573 }
```

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

Here you see how a box with a 4 pixel #55D573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D573; -webkit-box-shadow:4px 4px  
4px 4px #55D573; box-shadow:4px 4px 4px  
4px #55D573 }
```

Background

The CSS property to change the background color of an element to Hex 55D573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D573 }
```

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

```
.background{ background-color:#55D573 }
```

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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