

Converting Colors

Hex(5CD873)

Have a look what the booklet for
Hex(5CD873) contains.

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Color

Hex(5CD873)

Conversions

Conversions Part 1

Format	Color
Hex	5CD873
RGB	92, 216, 115
RGB Percent	36%, 85%, 45%
CMY	0.6392, 0.1529, 0.5490
CMYK	0.57, 0.00, 0.47, 0.15
HSL	131°, 61%, 60%
HSV	131°, 57%, 85%
XYZ	32.0640, 52.6248, 24.6873
YIQ	167.4100, -41.4830, -57.6990

Conversions

Conversions Part 2

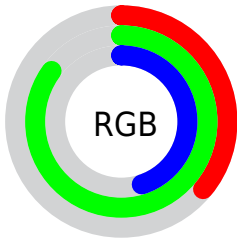
Format	Color
RYB	92, 197, 216
Decimal	6084723
CIELab	77.65, -55.61, 39.52
CIELCh	78, 68.219, 144.603
Yxy	52.6248, 0.2932, 0.4811
Android (android.graphics.Color)	4284274803 (0xFF5CD873)
YUV	167.4100, -25.8381, -66.1346
Hunter-Lab	72.5430, -48.0532, 30.6029

Details

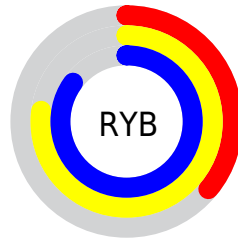
The Hex color **5CD873** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D85CC1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **98FFA8**, and **0CA040** is the 20% darker color. If you saturate the color by 10%, you get **46D861**, and if you desaturate by 10%, it is **72D885**.

Distribution



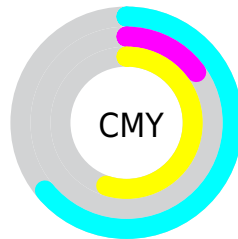
- Red (36%)
- Green (85%)
- Blue (45%)



- Red (36%)
- Yellow (77%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CD873 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 5CD873 by changing the saturation by 10% instead.

 5CD873

 5CD873

FFFFFF

 3BBC59

 98FFA8

 0CA040

 B5FFC4

 008527

 D3FFE0

 006B0C

 F1FFFD

 005100

 003900

 002200

 000000

 5CD873

 5CD873

 46D861

 72D885

 31D850

 87D896

 1BD83E

 9DD8A8

 06D82D

 B2D8B9

 00D828

 C8D8CB

 DED8DD

 F3D8EE

 FFD8FF

Harmonies

Analogous

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



AFCC43



5CD873



00DEB2

Triad

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



5CD873



00CAFF



FF8B8F

Complementary

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



5CD873



D85CC1

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.



FF87CE



5CD873



AEB4FF

Square

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



5CD873



00D8FF



FF99FF



FFA059

Rectangle

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



5CD873



00DFDE



FF99FF



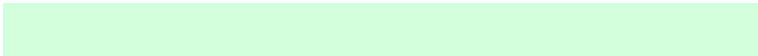
FF87A3

Sweetspot

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



5CD873



D4FFDC



C1D85C



66806B



000000



808080

Same Dimension

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



5CD873



4FFF70



5CD8B1



606B62



00AB20



002B08

Inverse Universe

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



D85CC1



FF4FDE



D85C83



6B6069



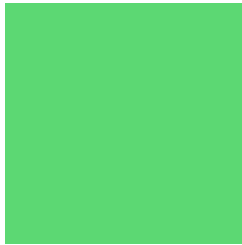
AB008B



2B0023

Previews

White Background



This preview shows how the Hex color 5CD873 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 5CD873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

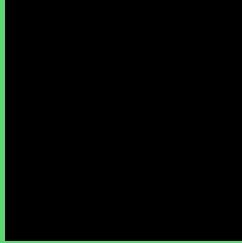
Any Text WCAG AA ✓ Pass

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 5CD873 Background



This preview shows how black text looks on a background with the Hex color 5CD873.

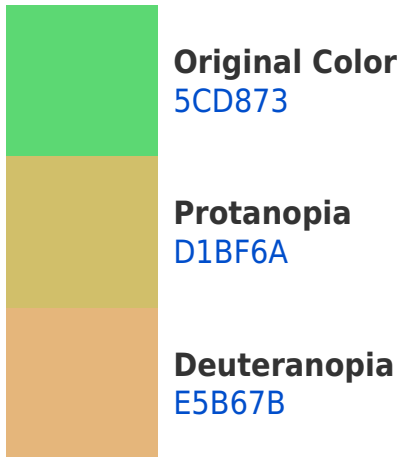


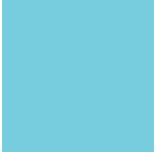
This preview shows how white text looks on a background with the Hex color 5CD873.

Color Blindness Simulation

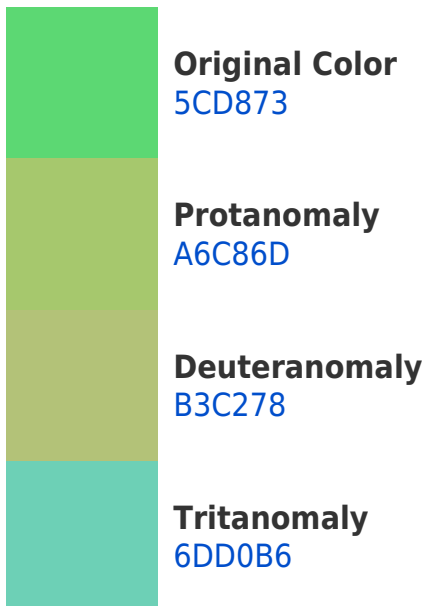
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

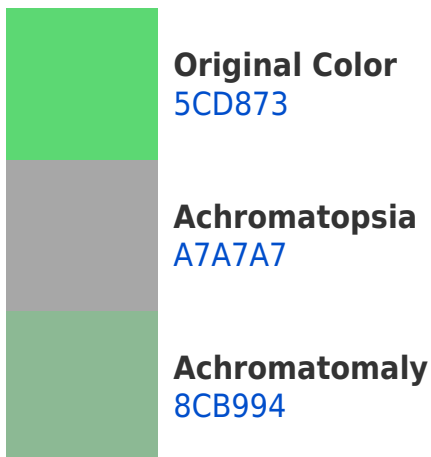




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CD873 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 #5CD873 looks like.

```
.text, #text, p{  
    color:#5CD873  
}
```

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 #5CD873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD873
}
```

Border

The CSS property to change the border of an element to Hex 5CD873 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
#5CD873 }
```

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

```
.border{ border-color:#5CD873 }
```

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

Here you see how a box with a 4 pixel #5CD873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD873; -webkit-box-shadow:4px 4px  
4px 4px #5CD873; box-shadow:4px 4px 4px  
4px #5CD873 }
```

Background

The CSS property to change the background color of an element to Hex 5CD873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD873 }
```

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

```
.background{ background-color:#5CD873 }
```

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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