

Converting Colors

Hex(1DC56A)

Have a look what the booklet for
Hex(1DC56A) contains.

Hex(1DC56A)	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(1DC56A)

Conversions

Conversions Part 1

Format	Color
Hex	1DC56A
RGB	29, 197, 106
RGB Percent	11%, 77%, 42%
CMY	0.8863, 0.2275, 0.5843
CMYK	0.85, 0.00, 0.46, 0.23
HSL	148°, 74%, 44%
HSV	148°, 85%, 77%
XYZ	23.0745, 41.2343, 20.3785
YIQ	136.3940, -70.9170, -63.9170

Conversions

Conversions Part 2

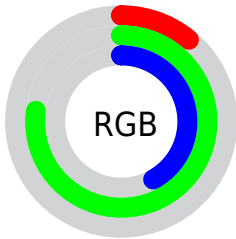
Format	Color
RYB	29, 144, 197
Decimal	1951082
CIELab	70.34, -60.24, 34.46
CIELCh	70, 69.400, 150.229
Yxy	41.2343, 0.2725, 0.4869
Android (android.graphics.Color)	4280141162 (0xFF1DC56A)
YUV	136.3940, -14.9842, -94.1845
Hunter-Lab	64.2140, -48.2327, 26.1339

Details

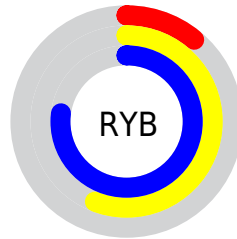
The Hex color **1DC56A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C51D78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6BFF9F**, and **008E38** is the 20% darker color. If you saturate the color by 10%, you get **09C55F**, and if you desaturate by 10%, it is **31C575**.

Distribution



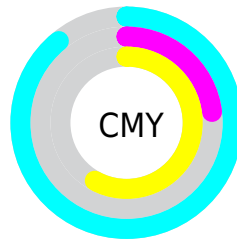
- Red (11%)
- Green (77%)
- Blue (42%)



- Red (11%)
- Yellow (56%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (89%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DC56A 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 1DC56A by changing the saturation by 10% instead.

 1DC56A

 1DC56A

FFFFFF

 00A951

 6BFF9F

 008E38

 8AFFBA

 007320

 A9FFD6

 005905

 C7FFF3

 004000

 E6FFFF

 002900

 000200

 000000

 1DC56A

 1DC56A

■ 09C55F

■ 31C575

■ 00C55A

■ 44C57F

■ 58C58A

■ 6CC595

■ 80C59F

■ 93C5AA

■ A7C5B5

■ BBC5BF

■ CEC5CA

Harmonies

Analogous

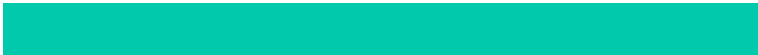
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CBB33



1DC56A



00CAAB

Triad

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



1DC56A



00B3FF



FF7870

Complementary

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



1DC56A



C51D78

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.



FF6FAE



1DC56A



AC9BFF

Square

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



1DC56A



00C2FF



F87FEC



FC913C

Rectangle

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



1DC56A



00CAD6



F87FEC



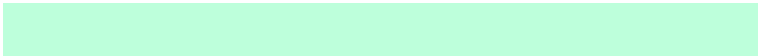
FF7284

Sweetspot

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



1DC56A



BDFADB



79C51D



58806A



000000



808080

Same Dimension

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



1DC56A



00FF75



1DC5BD



5A635E



00A34B



002410

Inverse Universe

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



C51D78



FF008A



C51D25



635A5F



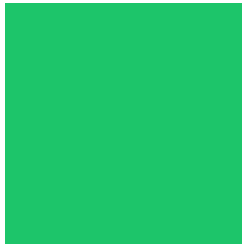
A30058



240013

Previews

White Background



This preview shows how the Hex color 1DC56A looks on a white background.

Color Contrast Check

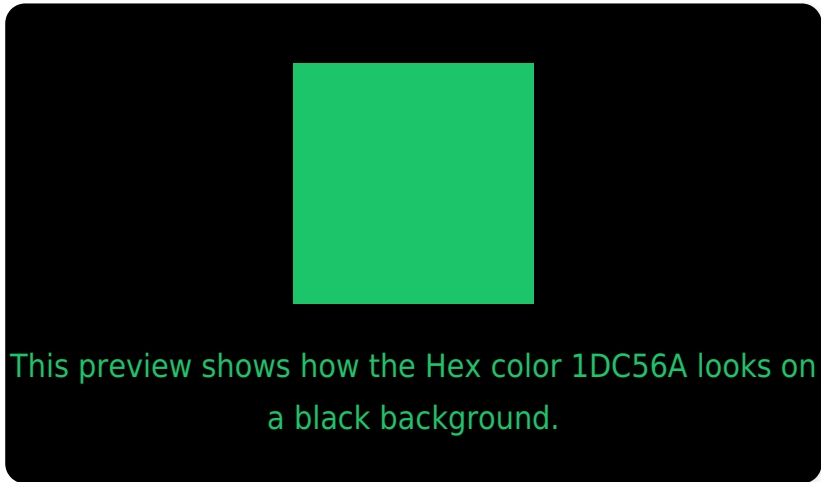
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

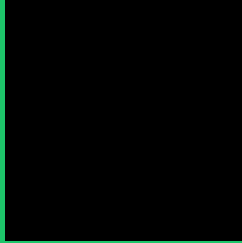
Any Text WCAG AA ✓ Pass

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 1DC56A Background



This preview shows how black text looks on a background with the Hex color 1DC56A.

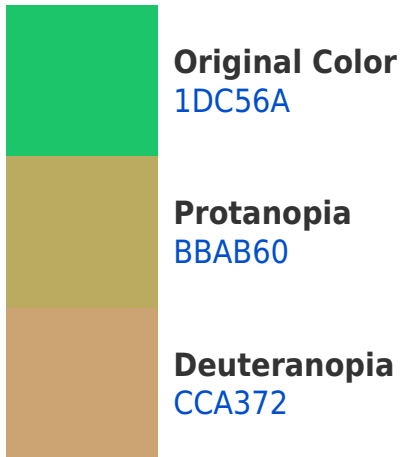


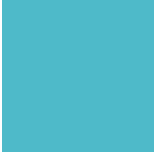
This preview shows how white text looks on a background with the Hex color 1DC56A.

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](#).

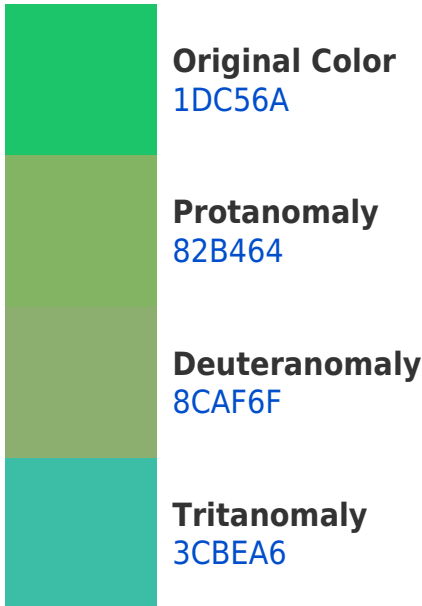
Dichromacy



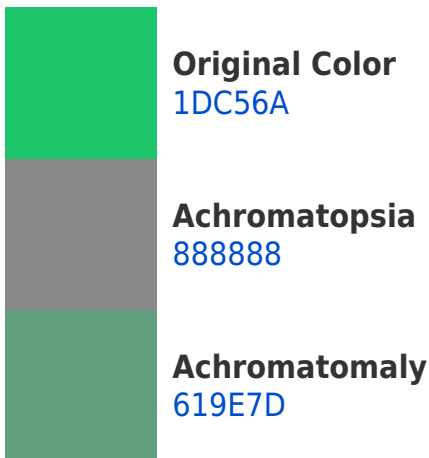


Tritanopia
4EBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DC56A 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 #1DC56A looks like.

```
.text, #text, p{  
    color:#1DC56A  
}
```

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 #1DC56A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC56A
}
```

Border

The CSS property to change the border of an element to Hex 1DC56A 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
#1DC56A }
```

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

```
.border{ border-color:#1DC56A }
```

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

Here you see how a box with a 4 pixel #1DC56A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC56A; -webkit-box-shadow:4px 4px  
4px 4px #1DC56A; box-shadow:4px 4px 4px  
4px #1DC56A }
```

Background

The CSS property to change the background color of an element to Hex 1DC56A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC56A }
```

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

```
.background{ background-color:#1DC56A }
```

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