

Converting Colors

Hex(1EC574)

Have a look what the booklet for
Hex(1EC574) contains.

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Color

Hex(1EC574)

Conversions

Conversions Part 1

Format	Color
Hex	1EC574
RGB	30, 197, 116
RGB Percent	12%, 77%, 45%
CMY	0.8824, 0.2275, 0.5451
CMYK	0.85, 0.00, 0.41, 0.23
HSL	151°, 74%, 45%
HSV	151°, 85%, 77%
XYZ	23.6541, 41.4695, 23.2807
YIQ	137.8330, -73.5310, -60.5950

Conversions

Conversions Part 2

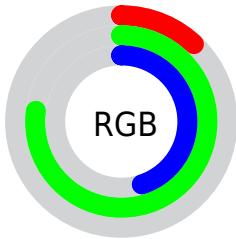
Format	Color
RYB	30, 140, 197
Decimal	2016628
CIELab	70.50, -58.36, 29.55
CIELCh	71, 65.412, 153.144
Yxy	41.4695, 0.2676, 0.4691
Android (android.graphics.Color)	4280206708 (0xFF1EC574)
YUV	137.8330, -10.7637, -94.5695
Hunter-Lab	64.3968, -47.1283, 23.6433

Details

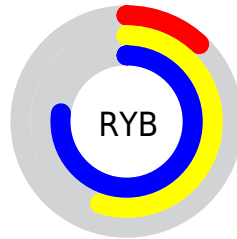
The Hex color **1EC574** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C51E6F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6BFFA9**, and **008E42** is the 20% darker color. If you saturate the color by 10%, you get **0AC56A**, and if you desaturate by 10%, it is **32C57E**.

Distribution



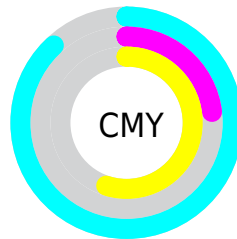
- Red (12%)
- Green (77%)
- Blue (45%)



- Red (12%)
- Yellow (55%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)



- Cyan (88%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EC574 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 1EC574 by changing the saturation by 10% instead.

 1EC574

 1EC574

FFFFFF

 00A95B


 6BFFA9

 008E42

 8AFFC4

 00732B

 A9FFE0

 005913

 C7FFFD

 004000

 E6FFFF

 002900

 000300

 000000

 1EC574

 1EC574

■ 0AC56A

■ 32C57E

■ 00C565

■ 45C587

■ 59C591

■ 6DC59A

■ 81C5A4

■ 94C5AD

■ A8C5B7

■ BCC5C0

■ CFC5CA

Harmonies

Analogous

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



89BC41



1EC574



00C9B1

Triad

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



1EC574



15B1FF



FF7E6F

Complementary

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



1EC574



C51E6F

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.



FF74A9



1EC574



B69AFF

Square

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



1EC574



00C1FF



F981E3



F69540

Rectangle

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



1EC574



00C9D9



F981E3



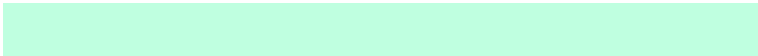
FF7981

Sweetspot

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



1EC574



BFFFE0



72C51E



59806D



000000



808080

Same Dimension

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



1EC574



00FF83



1EC5C5



5A635F



00A354



002412

Inverse Universe

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



C51E6F



FF007C



C51E1E



635A5E



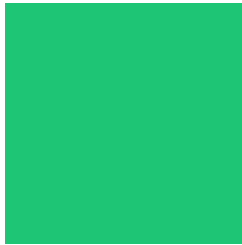
A3004F



240011

Previews

White Background



This preview shows how the Hex color 1EC574 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 1EC574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

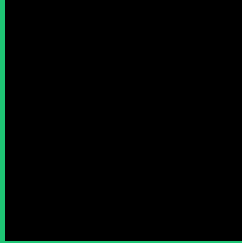
Any Text WCAG AA ✓ Pass

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 1EC574 Background



This preview shows how black text looks on a background with the Hex color 1EC574.

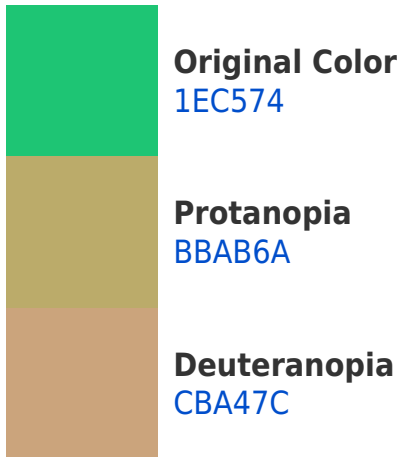


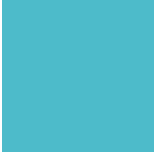
This preview shows how white text looks on a background with the Hex color 1EC574.

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



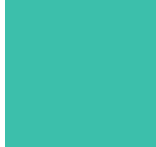
Original Color
1EC574



Protanomaly
82B46E



Deuteranomaly
8CB079



Tritanomaly
3CBFAB

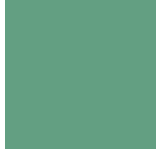
Monochromacy



Original Color
1EC574



Achromatopsia
8A8A8A



Achromatomaly
639F82

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EC574 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 #1EC574 looks like.

```
.text, #text, p{  
    color:#1EC574  
}
```

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 #1EC574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EC574
}
```

Border

The CSS property to change the border of an element to Hex 1EC574 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
#1EC574 }
```

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

```
.border{ border-color:#1EC574 }
```

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

Here you see how a box with a 4 pixel #1EC574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EC574; -webkit-box-shadow:4px 4px  
4px 4px #1EC574; box-shadow:4px 4px 4px  
4px #1EC574 }
```

Background

The CSS property to change the background color of an element to Hex 1EC574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EC574 }
```

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

```
.background{ background-color:#1EC574 }
```

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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