

# Converting Colors

Hex(1ECC59)

Have a look what the booklet for  
Hex(1ECC59) contains.

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**Color**

**Hex(1ECC59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ECC59
RGB	30, 204, 89
RGB Percent	12%, 80%, 35%
CMY	0.8824, 0.2000, 0.6510
CMYK	0.85, 0.00, 0.56, 0.20
HSL	140°, 74%, 46%
HSV	140°, 85%, 80%
XYZ	23.9315, 44.1830, 16.7181
YIQ	138.8640, -66.7890, -72.6530

# Conversions

## Conversions Part 2

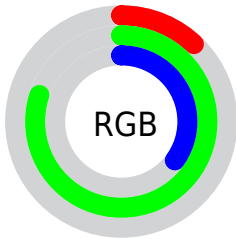
Format	Color
<a href="#">RYB</a>	<a href="#">30, 160, 204</a>
Decimal	<a href="#">2018393</a>
CIELab	<a href="#">72.35, -65.09, 45.23</a>
CIElCh	<a href="#">72, 79.267, 145.205</a>
Yxy	<a href="#">44.1830, 0.2821, 0.5208</a>
Android (android.graphics.Color)	<a href="#">4280208473 (0xFF1ECC59)</a>
YUV	<a href="#">138.8640, -24.5830, -95.4737</a>
Hunter-Lab	<a href="#">66.4703, -52.0573, 31.6171</a>

# Details

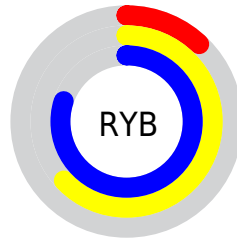
The Hex color **1ECC59** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **CC1E91**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6EFF8E**, and **009425** is the 20% darker color. If you saturate the color by 10%, you get **0ACC4C**, and if you desaturate by 10%, it is **32CC66**.

# Distribution



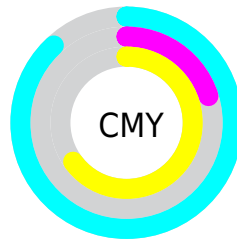
- Red (12%)
- Green (80%)
- Blue (35%)



- Red (12%)
- Yellow (63%)
- Blue (80%)



- Cyan (85%)
- Magenta (0%)
- Yellow (56%)
- Black (20%)



- Cyan (88%)
- Magenta (20%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1ECC59 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 1ECC59 by changing the saturation by 10% instead.



 1ECC59

 1ECC59

FFFFFF

 00B03F

 6EFF8E

 009425

 8DFFA9

 007904

 ACFFC5

 005F00

 CBFFE1

 004600

 EAFFFF

 002E00

 000F00

 000000

 1ECC59

 1ECC59

 0ACC4C

 32CC66

 00CC45

 47CC74

 5BCC81

 70CC8F

 84CC9C

 98CCAA

 ADCCB7

 C1CCC5

 D6CCD2

# Harmonies

## Analogous

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



98BF0A



1ECC59



00D2A3

# Triad

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



1ECC59



00BEFF



FF6E78

# Complementary

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



1ECC59



CC1E91

# 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.



FF67C0



1ECC59



98A3FF

# Square

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



1ECC59



00CFFF



FD81FF



FF8C37

# Rectangle

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



1ECC59



00D3D5



FD81FF



FF6890

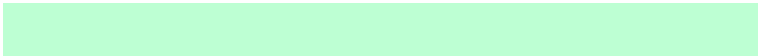


# Sweetspot

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



1ECC59



BDFFD3



92CC1E



588065



000000



808080



# Same Dimension

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



1ECC59



00FF56



1ECCAF



5C665F



00A638



00260D



# Inverse Universe

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



CC1E91



FF00A9



CC1E3B



665C63



A6006E



260019



# Previews

## White Background



This preview shows how the Hex color 1ECC59 looks on a white background.

## Color Contrast Check

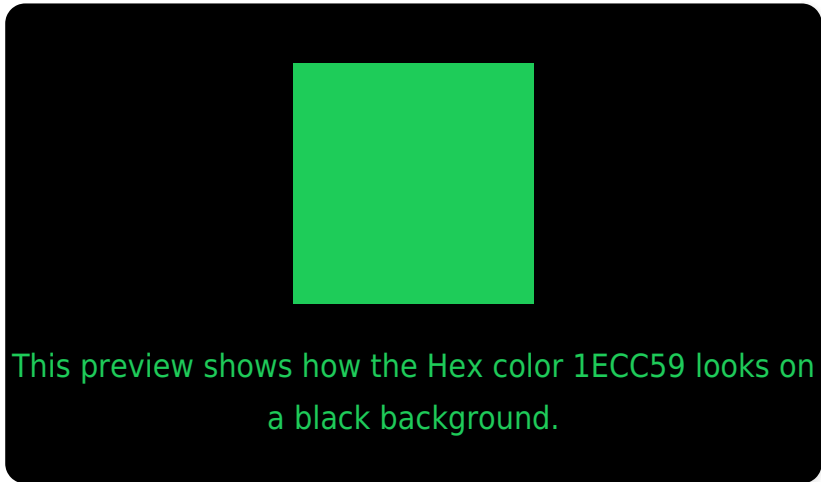
Large Text (above 18pt) WCAG AA × Fail

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 1ECC59 Background



This preview shows how black text looks on a background with the Hex color 1ECC59.



This preview shows how white text looks on a background with the Hex color 1ECC59.

# 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](#).

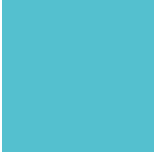
## Dichromacy



**Original Color**  
1ECC59

**Protanopia**  
C3B050

**Deuteranopia**  
D6A863



**Tritanopia**  
54C0CF

# Trichromacy



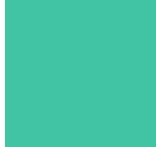
**Original Color**  
1ECC59



**Protanomaly**  
87BA53



**Deuteranomaly**  
93B55F



**Tritanomaly**  
40C4A4

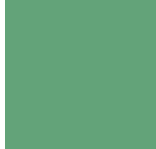
# Monochromacy



**Original Color**  
1ECC59



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
63A379

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1ECC59 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 #1ECC59 looks like.

```
.text, #text, p{  
    color:#1ECC59  
}
```

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 #1ECC59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ECC59
}
```

## Border

The CSS property to change the border of an element to Hex 1ECC59 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
#1ECC59 }
```

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

```
.border{ border-color:#1ECC59 }
```

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

Here you see how a box with a 4 pixel #1ECC59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ECC59; -webkit-box-shadow:4px 4px  
4px 4px #1ECC59; box-shadow:4px 4px 4px  
4px #1ECC59 }
```

# Background

The CSS property to change the background color of an element to Hex 1ECC59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ECC59 }
```

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

```
.background{ background-color:#1ECC59 }
```

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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