

Converting Colors

Hex(2EC373)

Have a look what the booklet for
Hex(2EC373) contains.

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Color

Hex(2EC373)

Conversions

Conversions Part 1

Format	Color
Hex	2EC373
RGB	46, 195, 115
RGB Percent	18%, 76%, 45%
CMY	0.8196, 0.2353, 0.5490
CMYK	0.76, 0.00, 0.41, 0.24
HSL	148°, 62%, 47%
HSV	148°, 76%, 76%
XYZ	23.7363, 40.8489, 22.8532
YIQ	141.3290, -63.1240, -56.4680

Conversions

Conversions Part 2

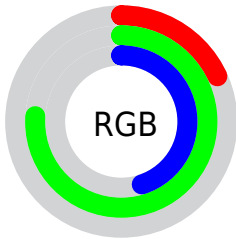
Format	Color
RYB	46, 148, 195
Decimal	3064691
CIELab	70.07, -56.12, 29.54
CIELCh	70, 63.422, 152.241
Yxy	40.8489, 0.2715, 0.4672
Android (android.graphics.Color)	4281254771 (0xFF2EC373)
YUV	141.3290, -12.9802, -83.6035
Hunter-Lab	63.9131, -45.5558, 23.5390

Details

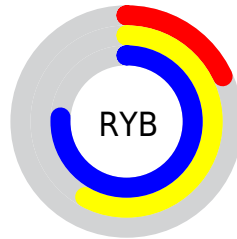
The Hex color **2EC373** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C32E7E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **72FDA8**, and **008C42** is the 20% darker color. If you saturate the color by 10%, you get **1AC369**, and if you desaturate by 10%, it is **42C37D**.

Distribution



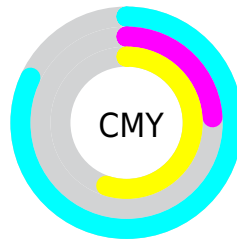
- Red (18%)
- Green (76%)
- Blue (45%)



- Red (18%)
- Yellow (58%)
- Blue (76%)



- Cyan (76%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (82%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC373 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 2EC373 by changing the saturation by 10% instead.

 2EC373

 2EC373

FFFFFF

 00A75A

 72FDA8

 008C42

 91FFC3

 00712A

 AFFFFD

 005813

 CDFFFC

 003F00

 EBFFFF

 002800

 000000

 2EC373

 2EC373

 1AC369

 42C37D

 07C35E

 55C388

 00C35A

 69C392

 7CC39D

 90C3A7

 A3C3B2

 B7C3BC

 CAC3C7

 DDC3D1

Harmonies

Analogous

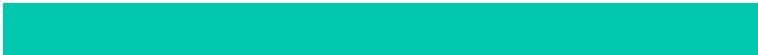
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BBA42



2EC373



00C7AE

Triad

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



2EC373



1BB0FF



FF7F71

Complementary

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



2EC373



C32E7E

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.



FF76A9



2EC373



B29AFF

Square

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



2EC373



00BFFF



F582E2



F49443

Rectangle

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



2EC373



00C7D5



F582E2



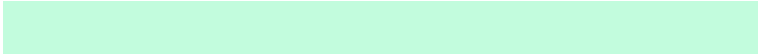
FF7983

Sweetspot

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



2EC373



C2FCDD



80C32E



5C806C



000000



808080

Same Dimension

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



2EC373



14FC80



2EC3BC



57615C



00A14A



00210F

Inverse Universe

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



C32E7E



FC1491



C32E35



61575C



A10056



210012

Previews

White Background



This preview shows how the Hex color 2EC373 looks on a white background.

Color Contrast Check

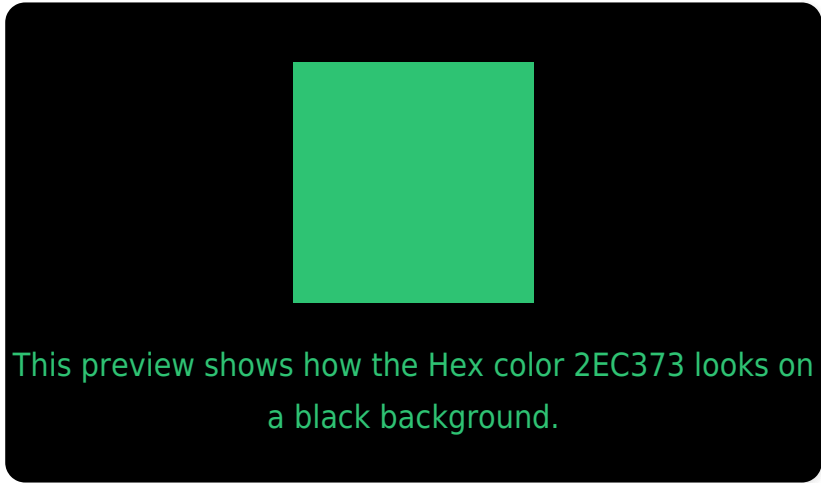
Large Text (above 18pt) WCAG AA × Fail

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 2EC373 Background



This preview shows how black text looks on a background with the Hex color 2EC373.

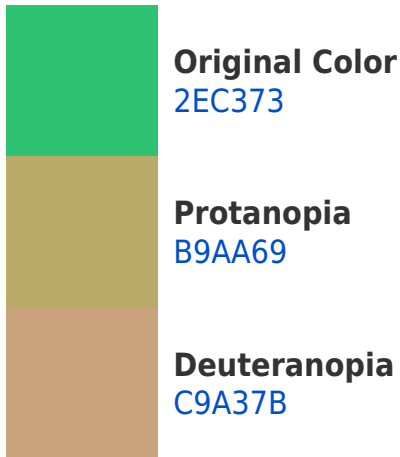


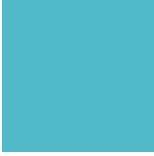
This preview shows how white text looks on a background with the Hex color 2EC373.

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
52B9C8

Trichromacy



Original Color
2EC373



Protanomaly
86B36D



Deuteranomaly
91AF78



Tritanomaly
45BDA9

Monochromacy



Original Color
2EC373



Achromatopsia
8D8D8D



Achromatomaly
6AA184

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC373 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 #2EC373 looks like.

```
.text, #text, p{  
    color:#2EC373  
}
```

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 #2EC373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC373
}
```

Border

The CSS property to change the border of an element to Hex 2EC373 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
#2EC373 }
```

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

```
.border{ border-color:#2EC373 }
```

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

Here you see how a box with a 4 pixel #2EC373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC373; -webkit-box-shadow:4px 4px  
4px 4px #2EC373; box-shadow:4px 4px 4px  
4px #2EC373 }
```

Background

The CSS property to change the background color of an element to Hex 2EC373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC373 }
```

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

```
.background{ background-color:#2EC373 }
```

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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