

Converting Colors

Hex(2ECD6C)

Have a look what the booklet for
Hex(2ECD6C) contains.

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Color

Hex(2ECD6C)

Conversions

Conversions Part 1

Format	Color
Hex	2ECD6C
RGB	46, 205, 108
RGB Percent	18%, 80%, 42%
CMY	0.8196, 0.1961, 0.5765
CMYK	0.78, 0.00, 0.47, 0.20
HSL	143°, 63%, 49%
HSV	143°, 78%, 80%
XYZ	25.6648, 45.3262, 21.5835
YIQ	146.4010, -63.6270, -63.8750

Conversions

Conversions Part 2

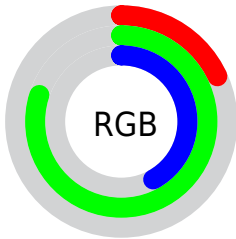
Format	Color
RYB	46, 160, 205
Decimal	3067244
CIELab	73.11, -60.90, 37.02
CIELCh	73, 71.271, 148.709
Yxy	45.3262, 0.2772, 0.4896
Android (android.graphics.Color)	4281257324 (0xFF2ECD6C)
YUV	146.4010, -18.9317, -88.0517
Hunter-Lab	67.3247, -49.7724, 28.1196

Details

The Hex color **2ECD6C** 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 **CD2E8F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **75FFA1**, and **00953A** is the 20% darker color. If you saturate the color by 10%, you get **1ACD5F**, and if you desaturate by 10%, it is **42CD79**.

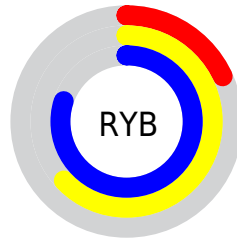
Distribution



Red (18%)

Green (80%)

Blue (42%)



Red (18%)

Yellow (63%)

Blue (80%)

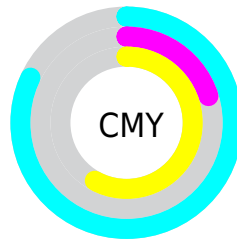


Cyan (78%)

Magenta (0%)

Yellow (47%)

Black (20%)



Cyan (82%)

Magenta (20%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ECD6C 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 2ECD6C by changing the saturation by 10% instead.

 2ECD6C

 2ECD6C

FFFFFF

 00B153

 75FFA1

 00953A

 94FFBC

 007A21

 B2FFD8

 006005

 D1FFF5

 004700

 EFFFFFFF

 003000

 001300

 000000

 2ECD6C

 2ECD6C

 1ACD5F

 42CD79

 05CD53

 57CD85

 00CD50

 6CCD92

 80CD9E

 95CDAB

 A9CDB7

 BECDC4

 D2CDD0

 E6CDDD

Harmonies

Analogous

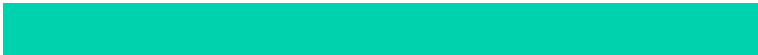
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96C234



2ECD6C



00D2AE

Triad

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



2ECD6C



00BCFF



FF7D79

Complementary

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



2ECD6C



CD2E8F

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.



FF74B9



2ECD6C



AEA3FF

Square

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



2ECD6C



00CBFF



FF86F8



FF9642

Rectangle

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



2ECD6C



00D2DB



FF86F8



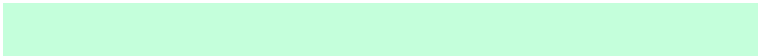
FF778D

Sweetspot

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



2ECD6C



C4FFDB



90CD2E



5C806A



000000



808080

Same Dimension

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



2ECD6C



12FF6E



2ECDBA



5C6660



00A641



00260F

Inverse Universe

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



CD2E8F



FF12A3



CD2E41



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color 2ECD6C 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 2ECD6C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

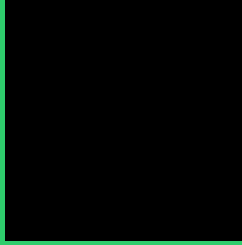
Any Text WCAG AA ✓ Pass

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 2ECD6C Background



This preview shows how black text looks on a background with the Hex color 2ECD6C.

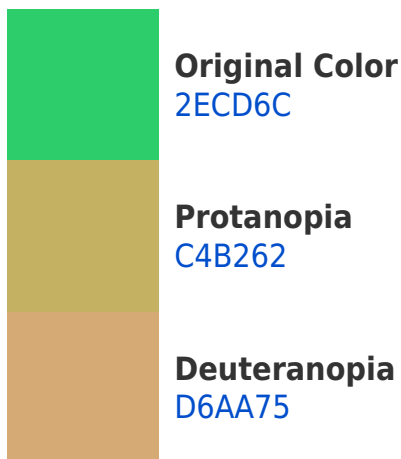


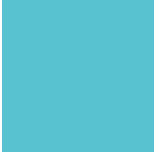
This preview shows how white text looks on a background with the Hex color 2ECD6C.

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
58C2D1

Trichromacy



Original Color
2ECD6C



Protanomaly
8DBC66



Deuteranomaly
99B772



Tritanomaly
49C6AC

Monochromacy



Original Color
2ECD6C



Achromatopsia
929292



Achromatomaly
6EA784

CSS Examples

Text

The CSS property to change the color of the text to Hex 2ECD6C 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 #2ECD6C looks like.

```
.text, #text, p{  
    color:#2ECD6C  
}
```

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 #2ECD6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ECD6C
}
```

Border

The CSS property to change the border of an element to Hex 2ECD6C 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
#2ECD6C }
```

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

```
.border{ border-color:#2ECD6C }
```

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

Here you see how a box with a 4 pixel #2ECD6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ECD6C; -webkit-box-shadow:4px 4px  
4px 4px #2ECD6C; box-shadow:4px 4px 4px  
4px #2ECD6C }
```

Background

The CSS property to change the background color of an element to Hex 2ECD6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ECD6C }
```

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

```
.background{ background-color:#2ECD6C }
```

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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