

# Converting Colors

Hex(2CE262)

Have a look what the booklet for  
Hex(2CE262) contains.

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# **Color**

**Hex(2CE262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CE262
RGB	44, 226, 98
RGB Percent	17%, 89%, 38%
CMY	0.8275, 0.1137, 0.6157
CMYK	0.81, 0.00, 0.57, 0.11
HSL	138°, 76%, 53%
HSV	138°, 81%, 89%
XYZ	30.4397, 55.8100, 20.7234
YIQ	156.9900, -67.3840, -78.3920

# Conversions

## Conversions Part 2

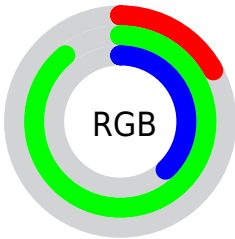
Format	Color
<a href="#">RYB</a>	<a href="#">44, 184, 226</a>
Decimal	<a href="#">2941538</a>
CIELab	<a href="#">79.51, -69.57, 49.62</a>
CIElCh	<a href="#">80, 85.457, 144.503</a>
Yxy	<a href="#">55.8100, 0.2846, 0.5217</a>
Android (android.graphics.Color)	<a href="#">4281131618 (0xFF2CE262)</a>
YUV	<a href="#">156.9900, -29.0821, -99.0922</a>
Hunter-Lab	<a href="#">74.7061, -58.0043, 35.8473</a>

# Details

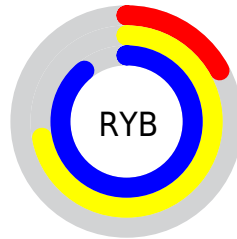
The Hex color **2CE262** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed spring green. A complement of this color would be **E22CAC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **79FF98**, and **00A92D** is the 20% darker color. If you saturate the color by 10%, you get **15E252**, and if you desaturate by 10%, it is **43E272**.

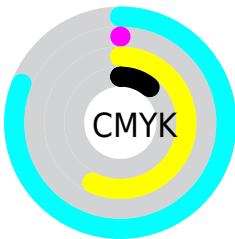
# Distribution



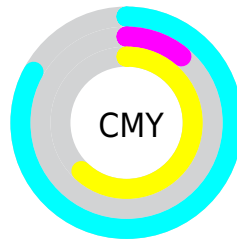
- Red (17%)
- Green (89%)
- Blue (38%)



- Red (17%)
- Yellow (72%)
- Blue (89%)



- Cyan (81%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)



- Cyan (83%)
- Magenta (11%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CE262 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 2CE262 by changing the saturation by 10% instead.



 2CE262

 2CE262

FFFFFF

 00C548

 79FF98

 00A92D

 99FFB3

 008D0D

 B9FFD0

 007300

 D8FFED

 005800

 F7FFFF

 003F00

 002700

 000000

 2CE262

 2CE262

 15E252

 43E272

 00E243

 59E282

 70E292

 86E2A2

 9DE2B1

 B4E2C1

 CAE2D1

 E1E2E1

 F7E2F1

# Harmonies

## Analogous

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



ABD40A



2CE262



00E9B3

# Triad

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



2CE262



00D3FF



FF7A88

# Complementary

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



2CE262



E22CAC

# 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.



FF74D7



2CE262



A5B6FF

# Square

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



2CE262



00E3FF



FF91FF



FF9B40

# Rectangle

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



2CE262



00EAEB



FF91FF



FF74A2

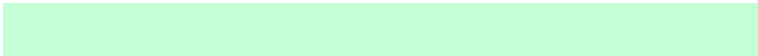


# Sweetspot

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



2CE262



C2FFD4



AEE22C



5B8065



000000



808080



# Same Dimension

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



2CE262



08FF51



2CE2BB



657068



00B034



00300E



# Inverse Universe

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



E22CAC



FF08B6



E22C53



70656D



B0007C

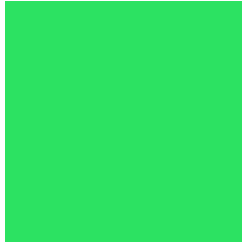


300022



# Previews

## White Background



This preview shows how the Hex color 2CE262 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 2CE262 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 2CE262 Background



This preview shows how black text looks on a background with the Hex color 2CE262.

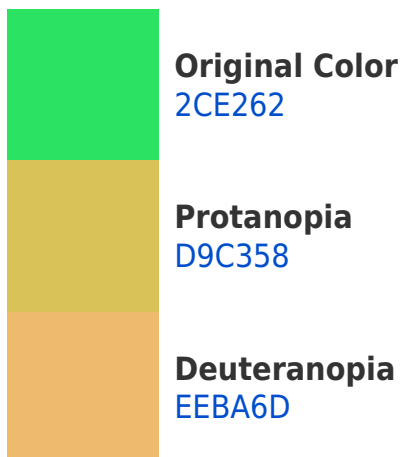


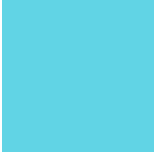
This preview shows how white text looks on a background with the Hex color 2CE262.

# 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**  
61D4E5

# Trichromacy



**Original Color**  
2CE262



**Protanomaly**  
9ACE5C



**Deuteranomaly**  
A7C969



**Tritanomaly**  
4ED9B5

# Monochromacy



**Original Color**  
2CE262



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
74B688

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CE262 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 #2CE262 looks like.

```
.text, #text, p{  
    color:#2CE262  
}
```

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 #2CE262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE262
}
```

## Border

The CSS property to change the border of an element to Hex 2CE262 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
#2CE262 }
```

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

```
.border{ border-color:#2CE262 }
```

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

Here you see how a box with a 4 pixel #2CE262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE262; -webkit-box-shadow:4px 4px  
4px 4px #2CE262; box-shadow:4px 4px 4px  
4px #2CE262 }
```

# Background

The CSS property to change the background color of an element to Hex 2CE262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE262 }
```

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

```
.background{ background-color:#2CE262 }
```

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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