

# Converting Colors

Hex(2EE132)

Have a look what the booklet for  
Hex(2EE132) contains.

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**Color**

**Hex(2EE132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EE132
RGB	46, 225, 50
RGB Percent	18%, 88%, 20%
CMY	0.8196, 0.1176, 0.8039
CMYK	0.80, 0.00, 0.78, 0.12
HSL	121°, 75%, 53%
HSV	121°, 80%, 88%
XYZ	28.6277, 54.6616, 12.0595
YIQ	151.5290, -50.5090, -92.3730

# Conversions

## Conversions Part 2

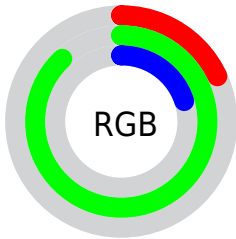
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 221, 225
Decimal	3072306
CIELab	78.85, -73.66, 67.48
CIELCh	79, 99.895, 137.507
Yxy	54.6616, 0.3002, 0.5733
Android (android.graphics.Color)	4281262386 (0xFF2EE132)
YUV	151.5290, -50.0538, -92.5489
Hunter-Lab	73.9335, -60.2669, 42.0824

# Details

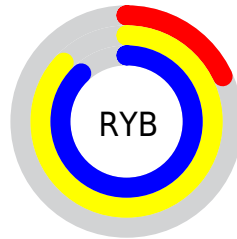
The Hex color **2EE132** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E12EDD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7CFF6D**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **18E11C**, and if you desaturate by 10%, it is **44E148**.

# Distribution



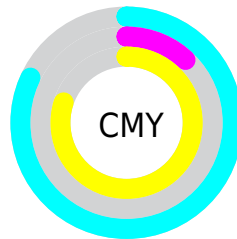
- Red (18%)
- Green (88%)
- Blue (20%)



- Red (18%)
- Yellow (87%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (78%)
- Black (12%)



- Cyan (82%)
- Magenta (12%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EE132 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 2EE132 by changing the saturation by 10% instead.



 2EE132

 2EE132

FFFFFF

 00C404

 7CFF6D

 00A800

 9CFF8A

 008C00

 BCFFA6

 007100

 DBFFC3

 005700

 FBFFE0

 003F00

FFFFFFE

 002500

 000000

 2EE132

 2EE132

 18E11C

 44E148

 01E106

 5BE15E

 00E105

 72E174

 88E18A

 9FE1A0

 B5E1B6

 CBE1CC

 E2E1E2

 F8E1F8

# Harmonies

## Analogous

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



B8CF00



2EE132



00EA98

# Triad

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



2EE132



00DAFF



FF5791

# Complementary

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



2EE132



E12EDD

# 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.



FF5BEE



2EE132



49BCFF

# Square

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



2EE132



00E8FF



FF8DFF



FF8537

# Rectangle

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



2EE132



00ECD9



FF8DFF



FF50B0

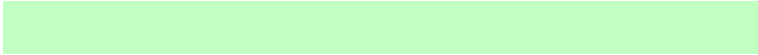


# Sweetspot

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



2EE132



C2FFC3



DEE12E



5B805B



000000



808080



# Same Dimension

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



2EE132



0DFF12



2EE18A



657065



00B004



003001



# Inverse Universe

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



E12EDD



FF0DFA



E12E85



706570



B000AC

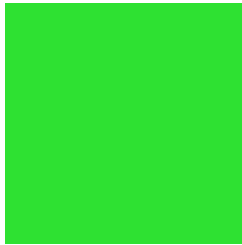


30002F



# Previews

## White Background



This preview shows how the Hex color 2EE132 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 2EE132 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 2EE132 Background



This preview shows how black text looks on a background with the Hex color 2EE132.

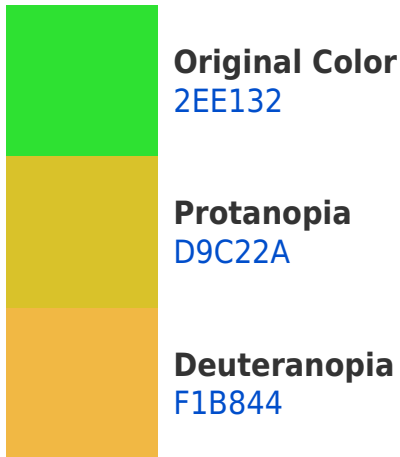


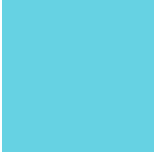
This preview shows how white text looks on a background with the Hex color 2EE132.

# 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**  
66D2E3

# Trichromacy



**Original Color**  
2EE132



**Protanomaly**  
9BCD2D



**Deuteranomaly**  
AAC73D



**Tritanomaly**  
52D7A3

# Monochromacy



**Original Color**  
2EE132



**Achromatopsia**  
989898



**Achromatomaly**  
71B373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EE132 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 #2EE132 looks like.

```
.text, #text, p{  
    color:#2EE132  
}
```

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 #2EE132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE132
}
```

## Border

The CSS property to change the border of an element to Hex 2EE132 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
#2EE132 }
```

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

```
.border{ border-color:#2EE132 }
```

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

Here you see how a box with a 4 pixel #2EE132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE132; -webkit-box-shadow:4px 4px  
4px 4px #2EE132; box-shadow:4px 4px 4px  
4px #2EE132 }
```

# Background

The CSS property to change the background color of an element to Hex 2EE132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE132 }
```

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

```
.background{ background-color:#2EE132 }
```

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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