

Converting Colors

Hex(2EE528)

Have a look what the booklet for
Hex(2EE528) contains.

Hex(2EE528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2EE528)

Conversions

Conversions Part 1

Format	Color
Hex	2EE528
RGB	46, 229, 40
RGB Percent	18%, 90%, 16%
CMY	0.8196, 0.1020, 0.8431
CMYK	0.80, 0.00, 0.83, 0.10
HSL	118°, 78%, 53%
HSV	118°, 83%, 90%
XYZ	29.5290, 56.7727, 11.4094
YIQ	152.7370, -48.3990, -97.5750

Conversions

Conversions Part 2

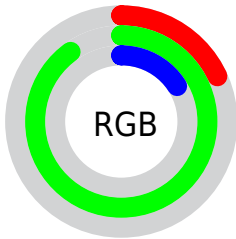
Format	Color
RYB	40, 229, 223
Decimal	3073320
CIELab	80.05, -75.37, 71.32
CIELCh	80, 103.765, 136.584
Yxy	56.7727, 0.3022, 0.5810
Android (android.graphics.Color)	4281263400 (0xFF2EE528)
YUV	152.7370, -55.5793, -93.6083
Hunter-Lab	75.3476, -61.9035, 43.7655

Details

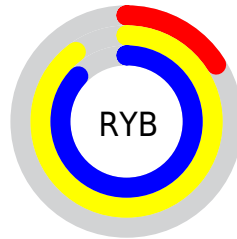
The Hex color **2EE528** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DF28E5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7DFF67**, and **00AC00** is the 20% darker color. If you saturate the color by 10%, you get **18E511**, and if you desaturate by 10%, it is **44E53F**.

Distribution



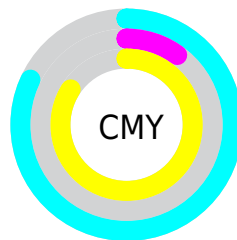
- Red (18%)
- Green (90%)
- Blue (16%)



- Red (16%)
- Yellow (90%)
- Blue (87%)



- Cyan (80%)
- Magenta (0%)
- Yellow (83%)
- Black (10%)



- Cyan (82%)
- Magenta (10%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE528 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 2EE528 by changing the saturation by 10% instead.

 2EE528

 2EE528

FFFFFF

 00C800

 7DFF67

 00AC00

 9EFF84

 009000

 BEFFA0

 007500

 DDFFB0

 005B00

 FDFFD0

 004200

 FFFFF0

 002800

 000000

 2EE528

 2EE528

 18E511

 44E53F

 07E500

 5AE556

 71E56D

 87E584

 9DE59B

 B3E5B1

 C9E5C8

 DFE5DF

 F6E5F6

Harmonies

Analogous

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



BDD300



2EE528



00EE96

Triad

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



2EE528



00DFFF



FF5196

Complementary

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



2EE528



DF28E5

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.



FF58F6



2EE528



21C0FF

Square

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



2EE528



00EDFF



FF8FFF



FF8337

Rectangle

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



2EE528



00F0DA



FF8FFF



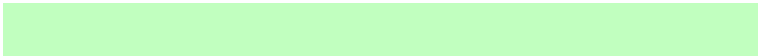
FF49B6

Sweetspot

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



2EE528



C1FFBF



E5DF28



5A8059



000000



808080

Same Dimension

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



2EE528



0BFF03



28E580



687367



06B300



023300

Inverse Universe

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



DF28E5



F703FF



E5288D



726773



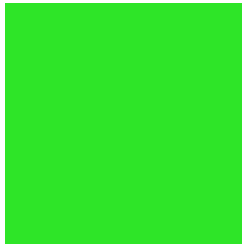
AD00B3



310033

Previews

White Background



This preview shows how the Hex color 2EE528 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 2EE528 Background



This preview shows how black text looks on a background with the Hex color 2EE528.

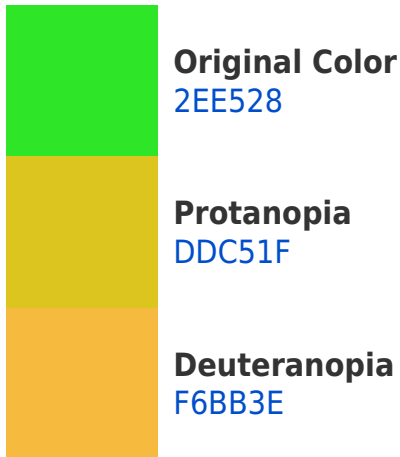


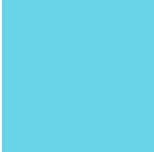
This preview shows how white text looks on a background with the Hex color 2EE528.

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](#).

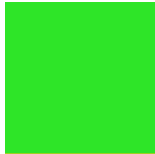
Dichromacy





Tritanopia
68D5E6

Trichromacy



Original Color
2EE528



Protanomaly
9DD122

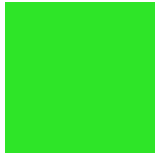


Deuteranomaly
ADCA36



Tritanomaly
53DBA1

Monochromacy



Original Color
2EE528



Achromatopsia
999999



Achromatomaly
72B570

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE528 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 #2EE528 looks like.

```
.text, #text, p{  
    color:#2EE528  
}
```

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 #2EE528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE528
}
```

Border

The CSS property to change the border of an element to Hex 2EE528 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
#2EE528 }
```

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

```
.border{ border-color:#2EE528 }
```

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

Here you see how a box with a 4 pixel #2EE528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE528; -webkit-box-shadow:4px 4px  
4px 4px #2EE528; box-shadow:4px 4px 4px  
4px #2EE528 }
```

Background

The CSS property to change the background color of an element to Hex 2EE528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE528 }
```

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

```
.background{ background-color:#2EE528 }
```

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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