

Converting Colors

Hex(29E929)

Have a look what the booklet for
Hex(29E929) contains.

Hex(29E929)	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(29E929)

Conversions

Conversions Part 1

Format	Color
Hex	29E929
RGB	41, 233, 41
RGB Percent	16%, 91%, 16%
CMY	0.8392, 0.0863, 0.8392
CMYK	0.82, 0.00, 0.82, 0.09
HSL	120°, 81%, 54%
HSV	120°, 82%, 91%
XYZ	30.4536, 58.9093, 11.8634
YIQ	153.7040, -52.8000, -100.4160

Conversions

Conversions Part 2

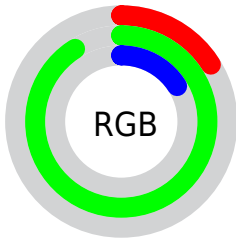
Format	Color
RYB	41, 233, 233
Decimal	2746665
CIELab	81.24, -77.01, 72.13
CIELCh	81, 105.514, 136.871
Yxy	58.9093, 0.3008, 0.5820
Android (android.graphics.Color)	4280936745 (0xFF29E929)
YUV	153.7040, -55.5631, -98.8414
Hunter-Lab	76.7524, -63.4920, 44.5624

Details

The Hex color **29E929** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E929E9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7CFF68**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **12E912**, and if you desaturate by 10%, it is **40E940**.

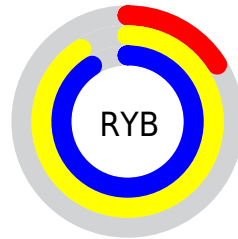
Distribution



Red (16%)

Green (91%)

Blue (16%)



Red (16%)

Yellow (91%)

Blue (91%)

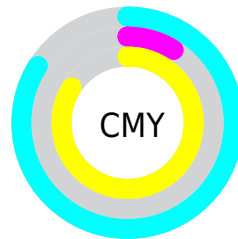


Cyan (82%)

Magenta (0%)

Yellow (82%)

Black (9%)



Cyan (84%)

Magenta (9%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29E929 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 29E929 by changing the saturation by 10% instead.

 29E929

 29E929

FFFFFF

 00CC00

 7CFF68

 00B000

 9DFF85

 009400

 BDFFA2

 007800

 DDFFBF

 005E00

 FDFFD C

 004400

 FFFFFA

 002B00

 000800

 000000

 29E929

 29E929

 12E912

 40E940

 00E900

 58E958

 6FE96F

 86E986

 9EE99E

 B5E9B5

 CCE9CC

 E3E9E3

 FBE9FB

Harmonies

Analogous

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



BFD600



29E929



00F299

Triad

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



29E929



00E2FF



FF5197

Complementary

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



29E929



E929E9

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.



FF58FA



29E929



28C3FF

Square

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



29E929



00F1FF



FF91FF



FF8536

Rectangle

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



29E929



00F5DF



FF91FF



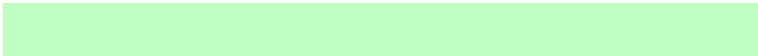
FF49B8

Sweetspot

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



29E929



BFFFBF



E9E929



598059



000000



808080

Same Dimension

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



29E929



03FF03



29E989



6A756A



00B500



003600

Inverse Universe

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



E929E9



FF03FF



E92989



756A75



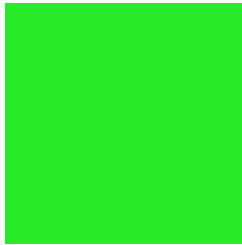
B500B5



360036

Previews

White Background



This preview shows how the Hex color 29E929 looks on a white background.

Color Contrast Check

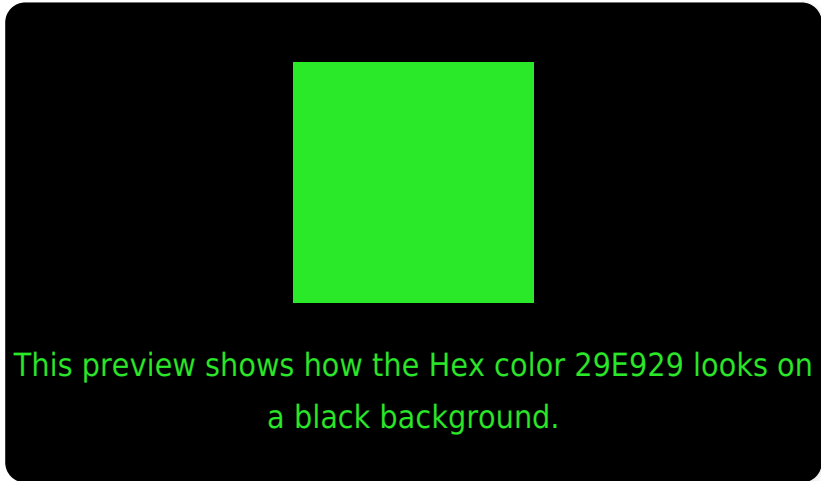
Large Text (above 18pt) WCAG AA × Fail

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 29E929 Background



This preview shows how black text looks on a background with the Hex color 29E929.

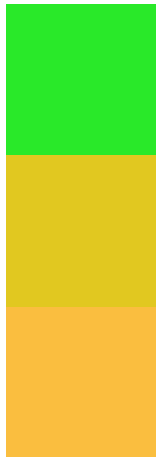


This preview shows how white text looks on a background with the Hex color 29E929.

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](#).

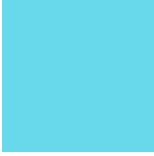
Dichromacy



Original Color
29E929

Protanopia
E1C820

Deuteranopia
FABE3F



Tritanopia
67D9EA

Trichromacy



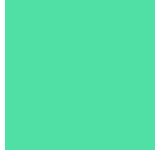
Original Color
29E929



Protanomaly
9ED423

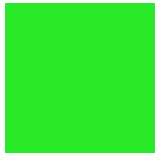


Deuteranomaly
AECE37



Tritanomaly
50DFA4

Monochromacy



Original Color
29E929



Achromatopsia
9A9A9A



Achromatomaly
71B771

CSS Examples

Text

The CSS property to change the color of the text to Hex 29E929 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 #29E929 looks like.

```
.text, #text, p{  
    color:#29E929  
}
```

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 #29E929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29E929
}
```

Border

The CSS property to change the border of an element to Hex 29E929 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
#29E929 }
```

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

```
.border{ border-color:#29E929 }
```

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

Here you see how a box with a 4 pixel #29E929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29E929; -webkit-box-shadow:4px 4px  
4px 4px #29E929; box-shadow:4px 4px 4px  
4px #29E929 }
```

Background

The CSS property to change the background color of an element to Hex 29E929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29E929 }
```

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

```
.background{ background-color:#29E929 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor