

Converting Colors

Hex(29ED12)

Have a look what the booklet for
Hex(29ED12) contains.

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Color

Hex(29ED12)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 29ED12 |
| RGB | 41, 237, 18 |
| RGB Percent | 16%, 93%, 7% |
| CMY | 0.8392, 0.0706, 0.9294 |
| CMYK | 0.83, 0.00, 0.92, 0.07 |
| HSL | 114°, 86%, 50% |
| HSV | 114°, 92%, 93% |
| XYZ | 31.3078, 61.0835, 10.7125 |
| YIQ | 153.4300, -46.5170, -109.6610 |

Conversions

Conversions Part 2

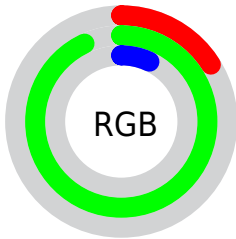
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 18, 237, 214 |
| Decimal | 2747666 |
| CIE Lab | 82.42, -78.93, 77.37 |
| CIE LCh | 82, 110.524, 135.573 |
| Yxy | 61.0835, 0.3037, 0.5924 |
| Android (android.graphics.Color) | 4280937746 (0xFF29ED12) |
| YUV | 153.4300, -66.7670, -98.6011 |
| Hunter-Lab | 78.1559, -65.2690, 46.5825 |

Details


The Hex color **29ED12** 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 **D612ED**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7DFF5D**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **19ED00**, and if you desaturate by 10%, it is **3EED2A**.

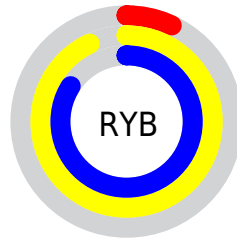
Distribution



 Red (16%)

 Green (93%)

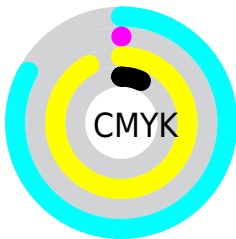
 Blue (7%)




 Red (7%)

 Yellow (93%)

 Blue (84%)

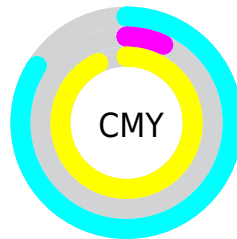



 Cyan (83%)

 Magenta (0%)

 Yellow (92%)

 Black (7%)



 Cyan (84%)

 Magenta (7%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29ED12 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 29ED12 by changing the saturation by 10% instead.

 29ED12

 29ED12


FFFFFF

 00D000

 7DFF5D

 00B300

 9FFF7B

 009700

 BFFF98

 007C00

 DFFFB6

 006100

 FFFFD3

 004800

 FFFFF1

 002E00

 001000

 000000

 29ED12

 29ED12

 19ED00

 3EED2A

 53ED41

 69ED59

 7EED71

 93ED88

 A8EDA0

 BDEDB8

 D3EDD0

 E8EDE7

Harmonies

Analogous

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



C5D900



29ED12



00F795

Triad

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



29ED12



00E8FF



FF459C

Complementary

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



29ED12



D612ED

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.



FF52FF



29ED12



00C8FF

Square

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



29ED12



00F6FF



FF93FF



FF8136

Rectangle

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



29ED12



00F9DE



FF93FF



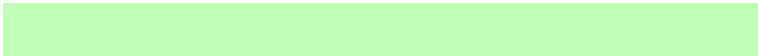
FF3CBE

Sweetspot

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



29ED12



BFFF8



EDD312



598054



000000



808080

Same Dimension

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



29ED12



1BFF00



12ED66



6B756A



13B500



063600

Inverse Universe

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



D612ED



E400FF



ED1299



746A75



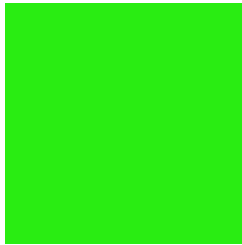
A200B5



300036

Previews

White Background



This preview shows how the Hex color 29ED12 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 29ED12 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 29ED12 Background



This preview shows how black text looks on a background with the Hex color 29ED12.

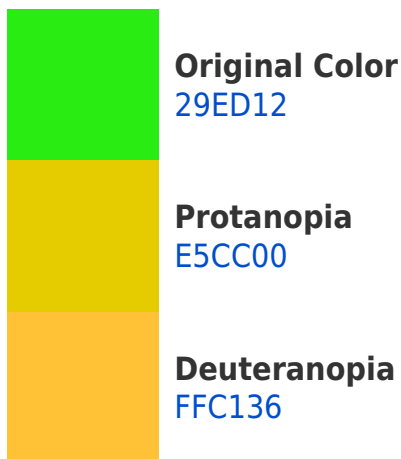


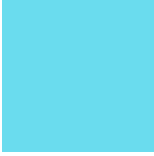
This preview shows how white text looks on a background with the Hex color 29ED12.

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](#).

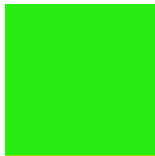
Dichromacy





Tritanopia
6ADCEE

Trichromacy



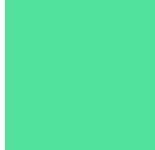
Original Color
29ED12



Protanomaly
A1D807

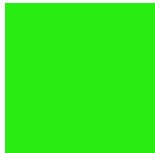


Deuteranomaly
B1D129



Tritanomaly
52E29E

Monochromacy



Original Color
29ED12



Achromatopsia
999999



Achromatomaly
70B868

CSS Examples

Text

The CSS property to change the color of the text to Hex 29ED12 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 #29ED12 looks like.

```
.text, #text, p{  
    color:#29ED12  
}
```

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 #29ED12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29ED12
}
```

Border

The CSS property to change the border of an element to Hex 29ED12 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
#29ED12 }
```

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

```
.border{ border-color:#29ED12 }
```

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

Here you see how a box with a 4 pixel #29ED12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29ED12; -webkit-box-shadow:4px 4px  
4px 4px #29ED12; box-shadow:4px 4px 4px  
4px #29ED12 }
```

Background

The CSS property to change the background color of an element to Hex 29ED12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29ED12 }
```

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

```
.background{ background-color:#29ED12 }
```

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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