

Converting Colors

Hex(29D642)

Have a look what the booklet for
Hex(29D642) contains.

Hex(29D642)	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(29D642)

Conversions

Conversions Part 1

Format	Color
Hex	29D642
RGB	41, 214, 66
RGB Percent	16%, 84%, 26%
CMY	0.8392, 0.1608, 0.7412
CMYK	0.81, 0.00, 0.69, 0.16
HSL	129°, 68%, 50%
HSV	129°, 81%, 84%
XYZ	25.9444, 48.9579, 13.2367
YIQ	145.4010, -55.6000, -82.7040

Conversions

Conversions Part 2

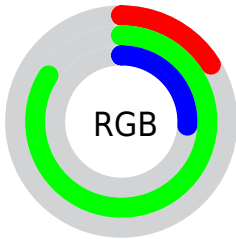
Format	Color
RYB	41, 192, 214
Decimal	2741826
CIELab	75.43, -69.73, 58.55
CIELCh	75, 91.054, 139.980
Yxy	48.9579, 0.2944, 0.5555
Android (android.graphics.Color)	4280931906 (0xFF29D642)
YUV	145.4010, -39.1447, -91.5597
Hunter-Lab	69.9699, -56.2607, 37.7627

Details

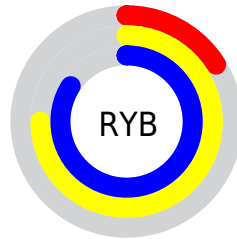
The Hex color **29D642** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D629BD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **76FF79**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **14D630**, and if you desaturate by 10%, it is **3ED654**.

Distribution



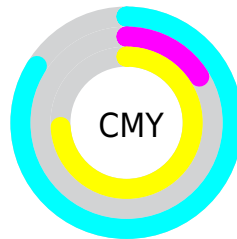
- Red (16%)
- Green (84%)
- Blue (26%)



- Red (16%)
- Yellow (75%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (69%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D642 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 29D642 by changing the saturation by 10% instead.

 29D642

 29D642

FFFFFF

 00B924

 76FF79

 009E00

 96FF95

 008200

 B5FFB1

 006800

 D4FFCD

 004E00

 F3FFEA

 003600

 001B00

 000000

 29D642

 29D642

■ 14D630

■ 3ED654

■ 00D61F

■ 54D667

■ 69D679

■ 7FD68B

■ 94D69E

■ A9D6B0

■ BFD6C2

■ D4D6D4

■ EAD6E7

Harmonies

Analogous

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



AAC700



29D642



00DD9A

Triad

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



29D642



00CCFF



FF6086

Complementary

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



29D642



D629BD

Split Complementary

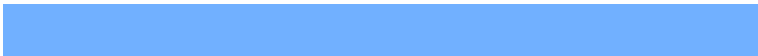
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5FDA



29D642



71B0FF

Square

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



29D642



00DBFF



FF87FF



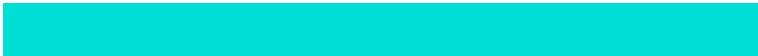
FF8636

Rectangle

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



29D642



00DFD5



FF87FF



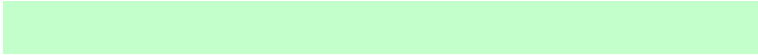
FF59A1

Sweetspot

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



29D642



C2FFCB



BFD629



5B8060



000000



808080

Same Dimension

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



29D642



08FF2B



29D697



606B62



00AB19



002B06

Inverse Universe

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



D629BD



FF08DB



D62968



6B606A



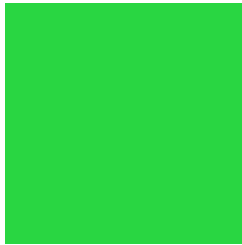
AB0092



2B0025

Previews

White Background



This preview shows how the Hex color 29D642 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 29D642 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 29D642 Background



This preview shows how black text looks on a background with the Hex color 29D642.

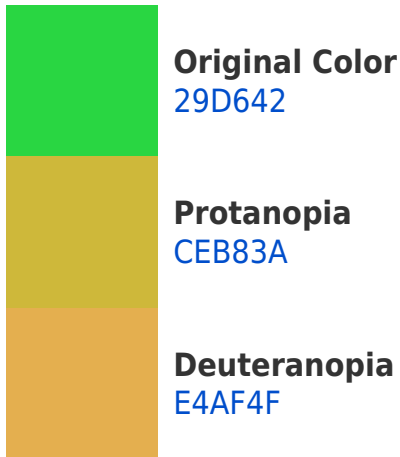


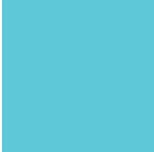
This preview shows how white text looks on a background with the Hex color 29D642.

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](#).

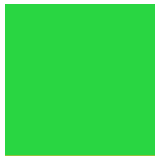
Dichromacy





Tritanopia
5EC8D8

Trichromacy



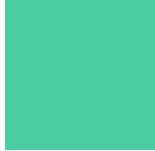
Original Color
29D642



Protanomaly
92C33D



Deuteranomaly
A0BD4A



Tritanomaly
4BCDA1

Monochromacy



Original Color
29D642



Achromatopsia
919191



Achromatomaly
6BAA74

CSS Examples

Text

The CSS property to change the color of the text to Hex 29D642 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 #29D642 looks like.

```
.text, #text, p{  
    color:#29D642  
}
```

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 #29D642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D642
}
```

Border

The CSS property to change the border of an element to Hex 29D642 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
#29D642 }
```

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

```
.border{ border-color:#29D642 }
```

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

Here you see how a box with a 4 pixel #29D642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D642; -webkit-box-shadow:4px 4px  
4px 4px #29D642; box-shadow:4px 4px 4px  
4px #29D642 }
```

Background

The CSS property to change the background color of an element to Hex 29D642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D642 }
```

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

```
.background{ background-color:#29D642 }
```

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