

Converting Colors

Hex(29D66C)

Have a look what the booklet for
Hex(29D66C) contains.

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Color

Hex(29D66C)

Conversions

Conversions Part 1

Format	Color
Hex	29D66C
RGB	41, 214, 108
RGB Percent	16%, 84%, 42%
CMY	0.8392, 0.1608, 0.5765
CMYK	0.81, 0.00, 0.50, 0.16
HSL	143°, 68%, 50%
HSV	143°, 81%, 84%
XYZ	27.6678, 49.6473, 22.3120
YIQ	150.1890, -69.0820, -69.6420

Conversions

Conversions Part 2

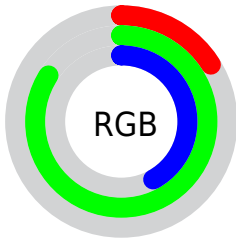
Format	Color
RYB	41, 166, 214
Decimal	2741868
CIELab	75.85, -64.54, 40.45
CIELCh	76, 76.173, 147.921
Yxy	49.6473, 0.2777, 0.4983
Android (android.graphics.Color)	4280931948 (0xFF29D66C)
YUV	150.1890, -20.7992, -95.7588
Hunter-Lab	70.4608, -53.2150, 30.5479

Details

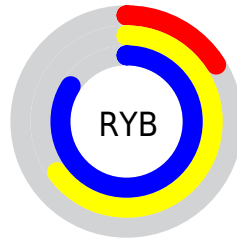
The Hex color **29D66C** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D62993**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **74FFA1**, and **009E39** is the 20% darker color. If you saturate the color by 10%, you get **14D65F**, and if you desaturate by 10%, it is **3ED679**.

Distribution



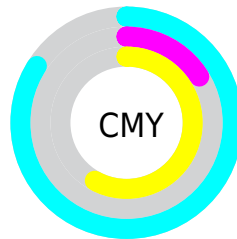
- Red (16%)
- Green (84%)
- Blue (42%)



- Red (16%)
- Yellow (65%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D66C 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 29D66C by changing the saturation by 10% instead.

 29D66C

 29D66C

FFFFFF

 00BA52

 74FFA1

 009E39

 94FFBD

 008320

 B3FFD9

 006801

 D2FFF6

 004E00

 F1FFFF

 003700

 001D00

 000000

 29D66C

 29D66C

 14D65F

 3ED679

 00D653

 54D686

 69D693

 7FD6A0

 94D6AE

 A9D6BB

 BFD6C8

 D4D6D5

 EAD6E2

Harmonies

Analogous

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



9DCA2E



29D66C



00DBB4

Triad

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



29D66C



00C5FF



FF7E7D

Complementary

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



29D66C



D62993

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.



FF76C3



29D66C



B1AAFF

Square

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



29D66C



00D5FF



FF8BFF



FF9A41

Rectangle

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



29D66C



00DCE4



FF8BFF



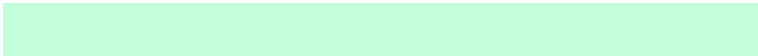
FF7894

Sweetspot

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



29D66C



C2FFDA



94D629



5B8069



000000



808080

Same Dimension

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



29D66C



08FF67



29D6C2



606B65



00AB42



002B11

Inverse Universe

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



D62993



FF089F



D6293D



6B6067



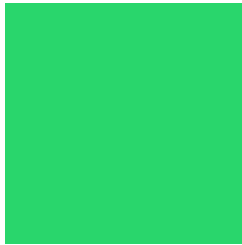
AB0069



2B001B

Previews

White Background



This preview shows how the Hex color 29D66C 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 29D66C 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 29D66C Background



This preview shows how black text looks on a background with the Hex color 29D66C.

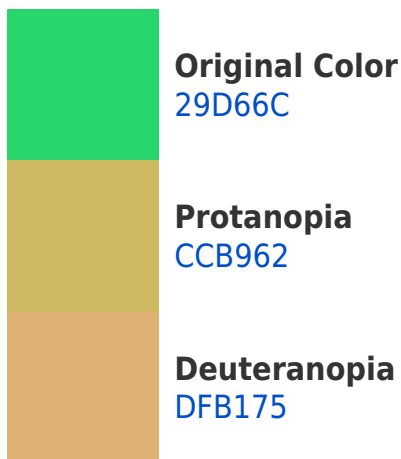


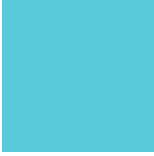
This preview shows how white text looks on a background with the Hex color 29D66C.

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





Trichromacy



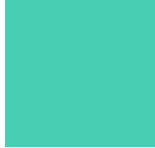
Original Color
29D66C



Protanomaly
91C466



Deuteranomaly
9DBE72



Tritanomaly
48CEB2

Monochromacy



Original Color
29D66C



Achromatopsia
969696



Achromatomaly
6EAD87

CSS Examples

Text

The CSS property to change the color of the text to Hex 29D66C 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 #29D66C looks like.

```
.text, #text, p{  
    color:#29D66C  
}
```

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 #29D66C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D66C
}
```

Border

The CSS property to change the border of an element to Hex 29D66C 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
#29D66C }
```

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

```
.border{ border-color:#29D66C }
```

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

Here you see how a box with a 4 pixel #29D66C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D66C; -webkit-box-shadow:4px 4px  
4px 4px #29D66C; box-shadow:4px 4px 4px  
4px #29D66C }
```

Background

The CSS property to change the background color of an element to Hex 29D66C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D66C }
```

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

```
.background{ background-color:#29D66C }
```

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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