

Converting Colors

Hex(28D465)

Have a look what the booklet for
Hex(28D465) contains.

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Color

Hex(28D465)

Conversions

Conversions Part 1

Format	Color
Hex	28D465
RGB	40, 212, 101
RGB Percent	16%, 83%, 40%
CMY	0.8431, 0.1686, 0.6039
CMYK	0.81, 0.00, 0.52, 0.17
HSL	141°, 68%, 49%
HSV	141°, 81%, 83%
XYZ	26.7675, 48.4777, 20.2583
YIQ	147.9180, -66.8810, -70.9850

Conversions

Conversions Part 2

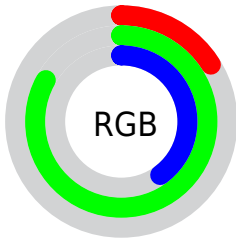
Format	Color
RYB	40, 167, 212
Decimal	2675813
CIELab	75.13, -65.04, 42.94
CIELCh	75, 77.937, 146.571
Yxy	48.4777, 0.2803, 0.5076
Android (android.graphics.Color)	4280865893 (0xFF28D465)
YUV	147.9180, -23.1306, -94.6441
Hunter-Lab	69.6259, -53.2214, 31.4872

Details

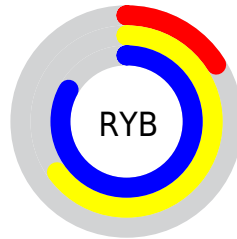
The Hex color **28D465** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D42897**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **74FF9A**, and **009C32** is the 20% darker color. If you saturate the color by 10%, you get **13D457**, and if you desaturate by 10%, it is **3DD473**.

Distribution



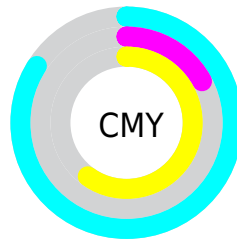
- Red (16%)
- Green (83%)
- Blue (40%)



- Red (16%)
- Yellow (65%)
- Blue (83%)



- Cyan (81%)
- Magenta (0%)
- Yellow (52%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28D465 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 28D465 by changing the saturation by 10% instead.

 28D465

 28D465

FFFFFF

 00B84B


 74FF9A

 009C32

 93FFB6

 008117

 B2FFD2

 006600

 D1FFEE

 004C00

 F0FFFF

 003500

 001B00

 000000

 28D465

 28D465

 13D457

 3DD473

 00D44B

 52D480

 68D48E

 7DD49C

 92D4A9

 A7D4B7

 BCD4C5

 D2D4D2

 E7D4E0

Harmonies

Analogous

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



9DC823



28D465



00DAAE

Triad

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



28D465



00C4FF



FF797D

Complementary

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



28D465



D42897

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.



FF71C4



28D465



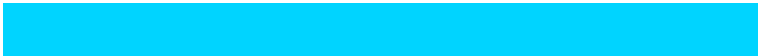
A8A9FF

Square

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



28D465



00D4FF



FF88FF



FF963E

Rectangle

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



28D465



00DBE0



FF88FF



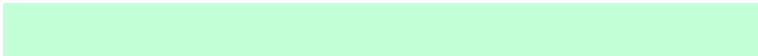
FF7394

Sweetspot

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



28D465



C2FFD8



98D428



5B8068



000000



808080

Same Dimension

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



28D465



08FF5F



28D4BA



606B64



00AB3D



002B0F

Inverse Universe

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



D42897



FF08A7



D42842



6B6067



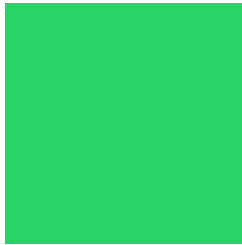
AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 28D465 looks on a white background.

Color Contrast Check

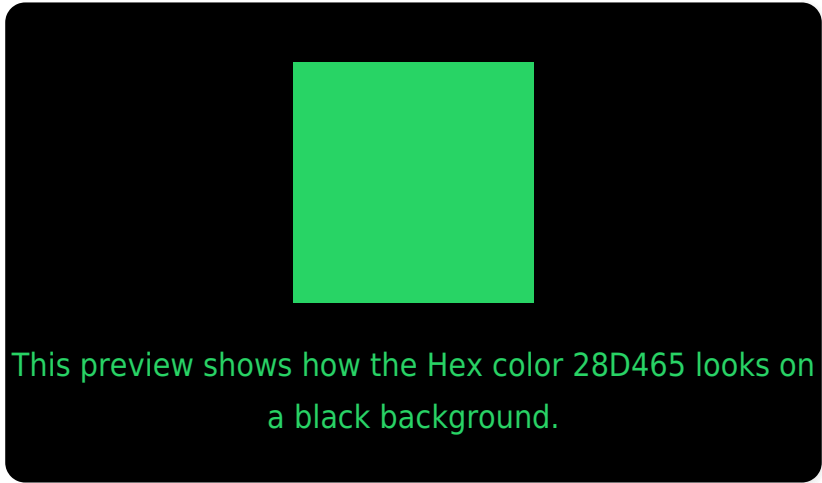
Large Text (above 18pt) WCAG AA × Fail

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 28D465 Background



This preview shows how black text looks on a background with the Hex color 28D465.

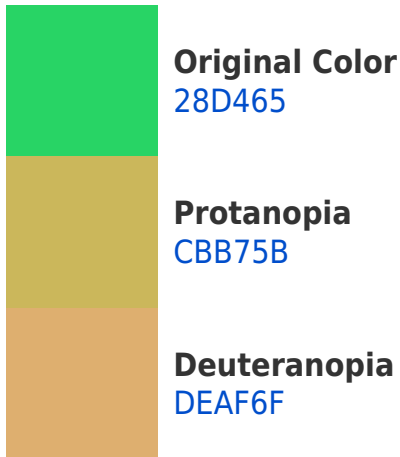


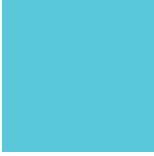
This preview shows how white text looks on a background with the Hex color 28D465.

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](#).

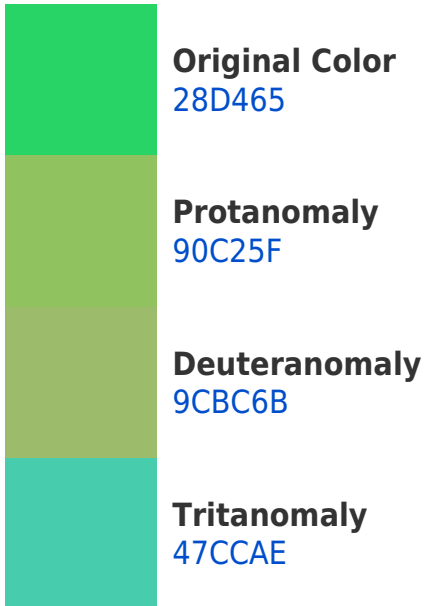
Dichromacy



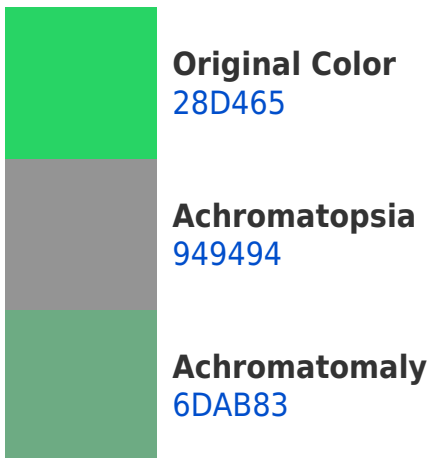


Tritanopia
59C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28D465 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 #28D465 looks like.

```
.text, #text, p{  
    color:#28D465  
}
```

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 #28D465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D465
}
```

Border

The CSS property to change the border of an element to Hex 28D465 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
#28D465 }
```

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

```
.border{ border-color:#28D465 }
```

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

Here you see how a box with a 4 pixel #28D465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D465; -webkit-box-shadow:4px 4px  
4px 4px #28D465; box-shadow:4px 4px 4px  
4px #28D465 }
```

Background

The CSS property to change the background color of an element to Hex 28D465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D465 }
```

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

```
.background{ background-color:#28D465 }
```

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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