

Converting Colors

Hex(28C85D)

Have a look what the booklet for
Hex(28C85D) contains.

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Color

Hex(28C85D)

Conversions

Conversions Part 1

Format	Color
Hex	28C85D
RGB	40, 200, 93
RGB Percent	16%, 78%, 36%
CMY	0.8431, 0.2157, 0.6353
CMYK	0.80, 0.00, 0.53, 0.22
HSL	140°, 67%, 47%
HSV	140°, 80%, 78%
XYZ	23.5051, 42.5500, 17.3300
YIQ	139.9620, -61.0130, -67.1970

Conversions

Conversions Part 2

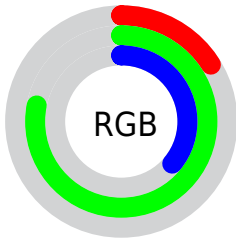
Format	Color
RYB	40, 160, 200
Decimal	2672733
CIELab	71.25, -62.23, 42.04
CIELCh	71, 75.099, 145.957
Yxy	42.5500, 0.2819, 0.5103
Android (android.graphics.Color)	4280862813 (0xFF28C85D)
YUV	139.9620, -23.1523, -87.6667
Hunter-Lab	65.2303, -49.8323, 29.9094

Details

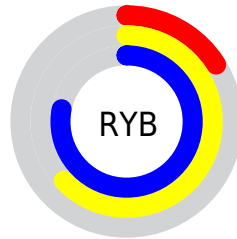
The Hex color **28C85D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C82893**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **71FF92**, and **00902A** is the 20% darker color. If you saturate the color by 10%, you get **14C850**, and if you desaturate by 10%, it is **3CC86A**.

Distribution



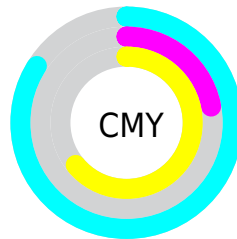
- Red (16%)
- Green (78%)
- Blue (36%)



- Red (16%)
- Yellow (63%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C85D 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 28C85D by changing the saturation by 10% instead.

 28C85D

 28C85D

FFFFFF

 00AC44

 71FF92

 00902A

 90FFAD

 00760E

 AEFFC9

 005C00

 CDFFE5

 004200

 EBFFFF

 002B00

 000900

 000000

 28C85D

 28C85D

 14C850

 3CC86A

 00C842

 50C878

 64C885

 78C893

 8CC8A0

 A0C8AD

 B4C8BB

 C8C8C8

 DCC8D5

Harmonies

Analogous

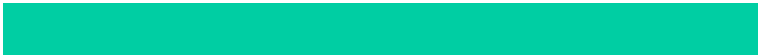
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96BC1D



28C85D



00CEA3

Triad

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



28C85D



00B9FF



FF7177

Complementary

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



28C85D



C82893

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.



FF6ABB



28C85D



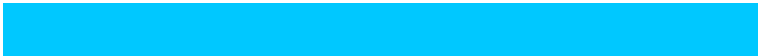
9BA0FF

Square

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



28C85D



00C8FF



F881FC



FF8C3A

Rectangle

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



28C85D



00CED2



F881FC



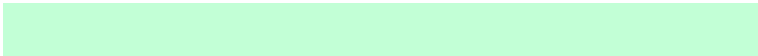
FF6B8D

Sweetspot

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



28C85D



C2FFD6



95C828



5B8067



000000



808080

Same Dimension

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



28C85D



0AFF5B



28C8AB



5A635D



00A336



00240C

Inverse Universe

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



C82893



FF0AAE



C82845



635A60



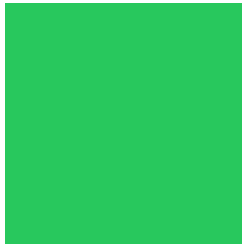
A3006D



240018

Previews

White Background



This preview shows how the Hex color 28C85D 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 28C85D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

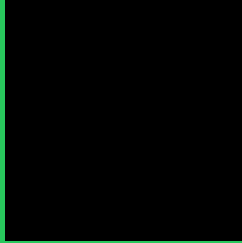
Any Text WCAG AA ✓ Pass

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 28C85D Background



This preview shows how black text looks on a background with the Hex color 28C85D.

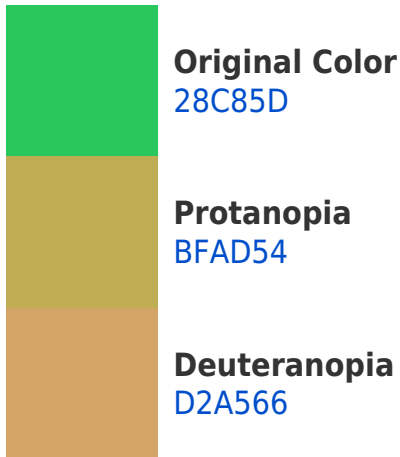


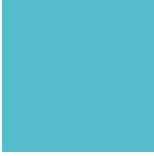
This preview shows how white text looks on a background with the Hex color 28C85D.

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
55BCCB

Trichromacy



Original Color
28C85D



Protanomaly
88B757



Deuteranomaly
94B263



Tritanomaly
45C0A3

Monochromacy



Original Color
28C85D



Achromatopsia
8C8C8C



Achromatomaly
68A27B

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C85D 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 #28C85D looks like.

```
.text, #text, p{  
    color:#28C85D  
}
```

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 #28C85D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C85D
}
```

Border

The CSS property to change the border of an element to Hex 28C85D 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
#28C85D }
```

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

```
.border{ border-color:#28C85D }
```

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

Here you see how a box with a 4 pixel #28C85D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C85D; -webkit-box-shadow:4px 4px  
4px 4px #28C85D; box-shadow:4px 4px 4px  
4px #28C85D }
```

Background

The CSS property to change the background color of an element to Hex 28C85D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C85D }
```

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

```
.background{ background-color:#28C85D }
```

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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