

Converting Colors

Hex(28C677)

Have a look what the booklet for
Hex(28C677) contains.

| | |
|--|----|
| Hex(28C677) | 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(28C677)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 28C677 |
| RGB | 40, 198, 119 |
| RGB Percent | 16%, 78%, 47% |
| CMY | 0.8431, 0.2235, 0.5333 |
| CMYK | 0.80, 0.00, 0.40, 0.22 |
| HSL | 150°, 66%, 47% |
| HSV | 150°, 80%, 78% |
| XYZ | 24.3989, 42.1712, 24.3067 |
| YIQ | 141.7520, -68.8090, -58.0650 |

Conversions

Conversions Part 2

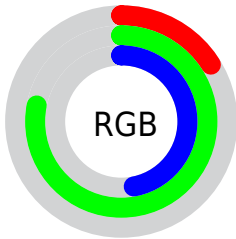
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 40, 145, 198 |
| Decimal | 2672247 |
| CIELab | 70.99, -57.18, 28.66 |
| CIELCh | 71, 63.959, 153.383 |
| Yxy | 42.1712, 0.2685, 0.4640 |
| Android (android.graphics.Color) | 4280862327 (0xFF28C677) |
| YUV | 141.7520, -11.2167, -89.2365 |
| Hunter-Lab | 64.9394, -46.5781, 23.2654 |

Details

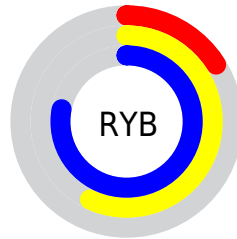
The Hex color **28C677** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C62877**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70FFAC**, and **008F45** is the 20% darker color. If you saturate the color by 10%, you get **14C66D**, and if you desaturate by 10%, it is **3CC681**.

Distribution



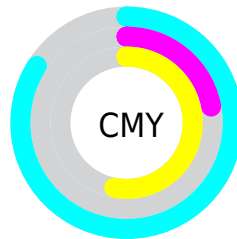
- Red (16%)
- Green (78%)
- Blue (47%)



- Red (16%)
- Yellow (57%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C677 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 28C677 by changing the saturation by 10% instead.

 28C677

 28C677

FFFFFF

 00AA5E

 70FFAC

 008F45

 8FFFC7

 00742E

 ADFFE4

 005A17

 CBFFFF

 004100

 EAFFFF

 002A00

 000700

 000000

 28C677

 28C677

 14C66D

 3CC681

 00C663

 50C68B

 63C695

 77C69F

 8BC6A9

 9FC6B2

 B3C6BC

 C6C6C6

 DAC6D0

Harmonies

Analogous

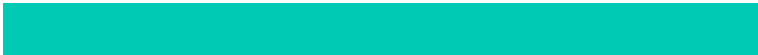
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BBD45



28C677



00CAB3

Triad

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



28C677



2EB2FF



FF8171

Complementary

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



28C677



C62877

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.



FF78AA



28C677



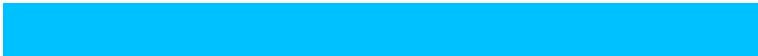
B89CFF

Square

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



28C677



00C1FF



FA83E3



F69743

Rectangle

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



28C677



00CADA



FA83E3



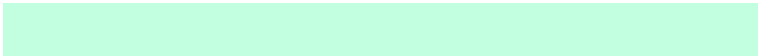
FF7C83

Sweetspot

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



28C677



C2FFE0



77C628



5B806D



000000



808080

Same Dimension

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



28C677



0AFF85



28C6C6



5A635E



00A352



002412

Inverse Universe

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



C62877



FF0A85



C62828



635A5E



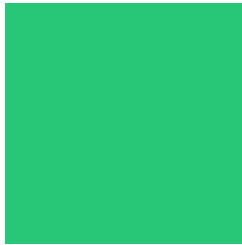
A30052



240012

Previews

White Background



This preview shows how the Hex color 28C677 looks on a white background.

Color Contrast Check

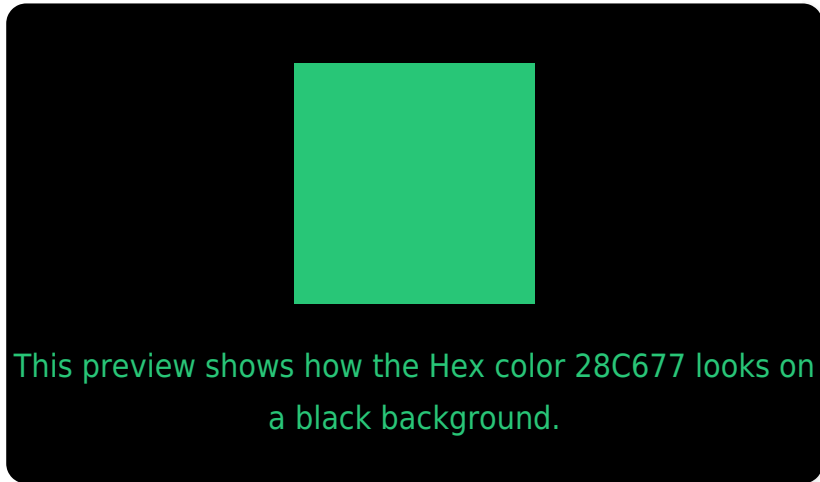
Large Text (above 18pt) WCAG AA × Fail

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

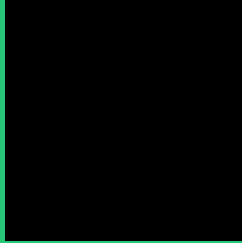
Any Text WCAG AA ✓ Pass

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 28C677 Background



This preview shows how black text looks on a background with the Hex color 28C677.

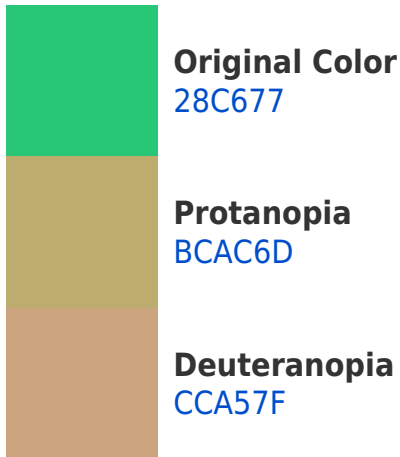


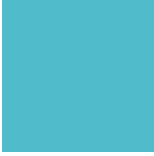
This preview shows how white text looks on a background with the Hex color 28C677.

Color Blindness Simulation

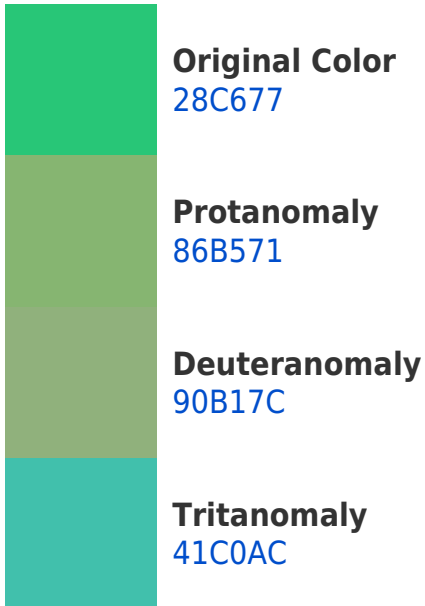
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28C677 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 #28C677 looks like.

```
.text, #text, p{  
    color:#28C677  
}
```

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 #28C677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C677  
}
```

Border

The CSS property to change the border of an element to Hex 28C677 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  
#28C677 }
```

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

```
.border{ border-color:#28C677 }
```

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

Here you see how a box with a 4 pixel #28C677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C677; -webkit-box-shadow:4px 4px  
4px 4px #28C677; box-shadow:4px 4px 4px  
4px #28C677 }
```

Background

The CSS property to change the background color of an element to Hex 28C677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C677 }
```

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

```
.background{ background-color:#28C677 }
```

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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