

Converting Colors

Hex(28CB77)

Have a look what the booklet for
Hex(28CB77) contains.

Hex(28CB77)	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(28CB77)

Conversions

Conversions Part 1

Format	Color
Hex	28CB77
RGB	40, 203, 119
RGB Percent	16%, 80%, 47%
CMY	0.8431, 0.2039, 0.5333
CMYK	0.80, 0.00, 0.41, 0.20
HSL	149°, 67%, 48%
HSV	149°, 80%, 80%
XYZ	25.5608, 44.4949, 24.6939
YIQ	144.6870, -70.1840, -60.6800

Conversions

Conversions Part 2

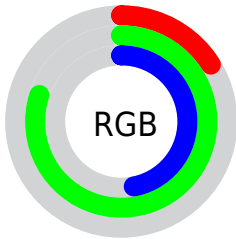
Format	Color
RYB	40, 150, 203
Decimal	2673527
CIELab	72.56, -58.98, 30.72
CIELCh	73, 66.500, 152.487
Yxy	44.4949, 0.2698, 0.4696
Android (android.graphics.Color)	4280863607 (0xFF28CB77)
YUV	144.6870, -12.6637, -91.8105
Hunter-Lab	66.7045, -48.3327, 24.7440

Details

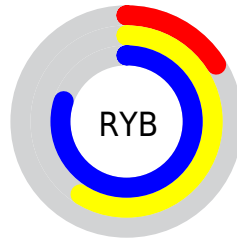
The Hex color **28CB77** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CB287C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FFAC**, and **009345** is the 20% darker color. If you saturate the color by 10%, you get **14CB6D**, and if you desaturate by 10%, it is **3CCB81**.

Distribution



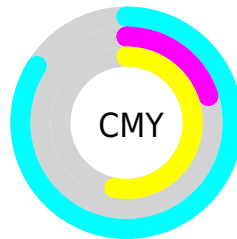
- Red (16%)
- Green (80%)
- Blue (47%)



- Red (16%)
- Yellow (59%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28CB77 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 28CB77 by changing the saturation by 10% instead.

 28CB77

 28CB77

FFFFFF

 00AF5E

 71FFAC

 009345

 90FFC8

 00792D

 AFFFE4

 005F16

 CDFFFF

 004500

 ECFFFF

 002F00

 001000

 000000

 28CB77

 28CB77

 14CB6D

 3CCB81

 00CB62

 51CB8C

 65CB96

 79CBA1

 8ECBAB

 A2CBB6

 B6CBC0

 CACBCB

 DFCBD5

Harmonies

Analogous

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



8FC143



28CB77



00CFB5

Triad

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



28CB77



0CB7FF



FF8374

Complementary

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



28CB77



CB287C

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.



FF79AF



28CB77



BAA0FF

Square

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



28CB77



00C7FF



FF86EB



FE9A44

Rectangle

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



28CB77



00CFDF



FF86EB



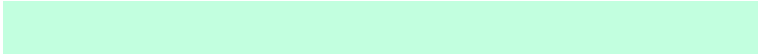
FF7D87

Sweetspot

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



28CB77



C2FFDF



7CCB28



5B806C



000000



808080

Same Dimension

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



28CB77



0AFF81



28CBC8



5C6661



00A650



002613

Inverse Universe

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



CB287C



FF0A88



CB282B



665C61



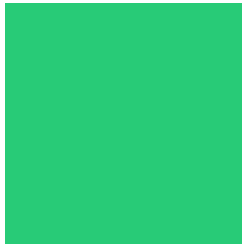
A60055



260014

Previews

White Background



This preview shows how the Hex color 28CB77 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 28CB77 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 28CB77 Background



This preview shows how black text looks on a background with the Hex color 28CB77.

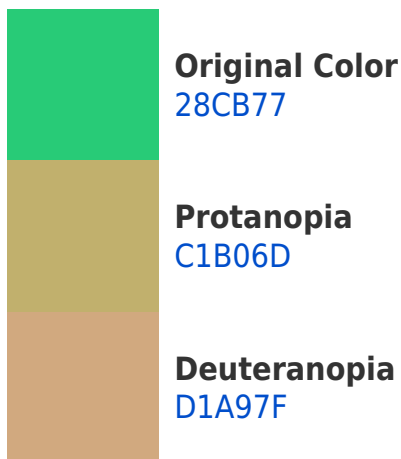


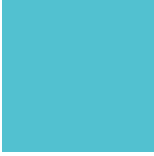
This preview shows how white text looks on a background with the Hex color 28CB77.

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
52C1D0

Trichromacy



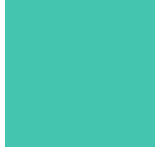
Original Color
28CB77



Protanomaly
89BA71



Deuteranomaly
94B57C



Tritanomaly
43C5B0

Monochromacy



Original Color
28CB77



Achromatopsia
919191



Achromatomaly
6BA688

CSS Examples

Text

The CSS property to change the color of the text to Hex 28CB77 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 #28CB77 looks like.

```
.text, #text, p{  
    color:#28CB77  
}
```

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 #28CB77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28CB77  
}
```

Border

The CSS property to change the border of an element to Hex 28CB77 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  
#28CB77 }
```

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

```
.border{ border-color:#28CB77 }
```

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

Here you see how a box with a 4 pixel #28CB77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28CB77; -webkit-box-shadow:4px 4px  
4px 4px #28CB77; box-shadow:4px 4px 4px  
4px #28CB77 }
```

Background

The CSS property to change the background color of an element to Hex 28CB77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28CB77 }
```

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

```
.background{ background-color:#28CB77 }
```

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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