

Converting Colors

Hex(28B53B)

Have a look what the booklet for
Hex(28B53B) contains.

Hex(28B53B)	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(28B53B)

Conversions

Conversions Part 1

Format	Color
Hex	28B53B
RGB	40, 181, 59
RGB Percent	16%, 71%, 23%
CMY	0.8431, 0.2902, 0.7686
CMYK	0.78, 0.00, 0.67, 0.29
HSL	128°, 64%, 43%
HSV	128°, 78%, 71%
XYZ	18.1884, 33.8146, 9.7059
YIQ	124.9330, -44.8740, -67.8340

Conversions

Conversions Part 2

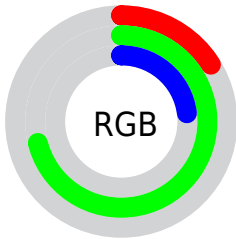
Format	Color
RYB	40, 164, 181
Decimal	2667835
CIELab	64.82, -60.21, 49.99
CIELCh	65, 78.261, 140.297
Yxy	33.8146, 0.2947, 0.5480
Android (android.graphics.Color)	4280857915 (0xFF28B53B)
YUV	124.9330, -32.5050, -74.4862
Hunter-Lab	58.1503, -45.9316, 30.8091

Details

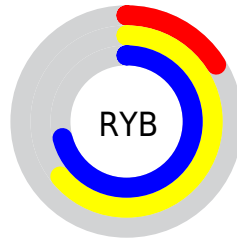
The Hex color **28B53B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B528A2**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6EEE70**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **16B52B**, and if you desaturate by 10%, it is **3AB54B**.

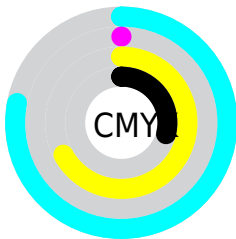
Distribution



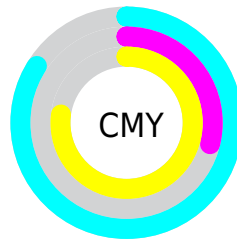
- Red (16%)
- Green (71%)
- Blue (23%)



- Red (16%)
- Yellow (64%)
- Blue (71%)



- Cyan (78%)
- Magenta (0%)
- Yellow (67%)
- Black (29%)



- Cyan (84%)
- Magenta (29%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28B53B 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 28B53B by changing the saturation by 10% instead.

 28B53B

 28B53B

FFFFFF

 00991F

 6EEE70

 007F00

 8CFF8B

 006400

 AAFFA6

 004B00

 C8FFC2

 003400

 E6FFDF

 001900

FFFFFFC

 000000

 28B53B

 28B53B

 16B52B

 3AB54B

 04B51C

 4CB55A

 00B518

 5EB56A

 70B57A

 83B589

 95B599

 A7B5A9

 B9B5B8

 CBB5C8

Harmonies

Analogous

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



90A800



28B53B



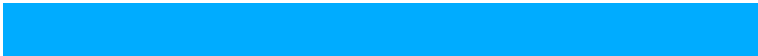
00BB83

Triad

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



28B53B



00ACFF



FF5471

Complementary

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



28B53B



B528A2

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.



FF53B7



28B53B



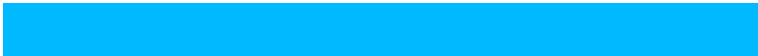
6595FF

Square

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



28B53B



00B9FF



DA73F8



FF7330

Rectangle

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



28B53B



00BDB4



DA73F8



FF4F88

Sweetspot

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



28B53B



B5EBBC



A2B528



547559



F5F5F5



757575

Same Dimension

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



28B53B



10EB2E



28B581



505952



009915



001A03

Inverse Universe

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



B528A2



EB10CD



B5285C



595058



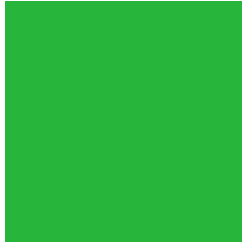
990084



1A0016

Previews

White Background



This preview shows how the Hex color 28B53B looks on a white background.

Color Contrast Check

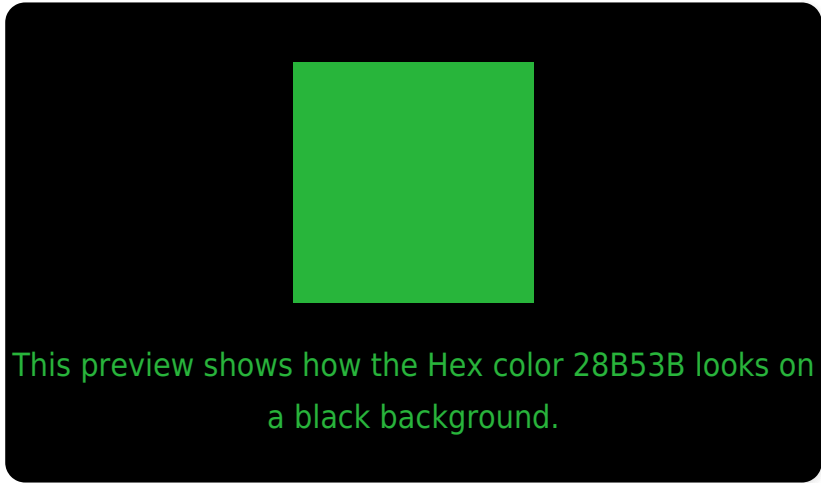
Large Text (above 18pt) WCAG AA × Fail

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

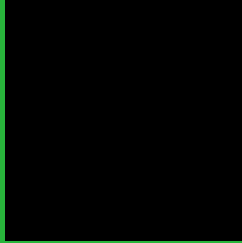
Any Text WCAG AA ✓ Pass

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 28B53B Background



This preview shows how black text looks on a background with the Hex color 28B53B.



This preview shows how white text looks on a background with the Hex color 28B53B.

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



Original Color
28B53B

Protanopia
AE9C34

Deuteranopia
C19446



Tritanopia
52A9B7

Trichromacy



Original Color
28B53B



Protanomaly
7DA537



Deuteranomaly
89A042



Tritanomaly
43AD8A

Monochromacy



Original Color
28B53B



Achromatopsia
7D7D7D



Achromatomaly
5E9165

CSS Examples

Text

The CSS property to change the color of the text to Hex 28B53B 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 #28B53B looks like.

```
.text, #text, p{  
    color:#28B53B  
}
```

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 #28B53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B53B
}
```

Border

The CSS property to change the border of an element to Hex 28B53B 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
#28B53B }
```

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

```
.border{ border-color:#28B53B }
```

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

Here you see how a box with a 4 pixel #28B53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B53B; -webkit-box-shadow:4px 4px  
4px 4px #28B53B; box-shadow:4px 4px 4px  
4px #28B53B }
```

Background

The CSS property to change the background color of an element to Hex 28B53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B53B }
```

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

```
.background{ background-color:#28B53B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor