

Converting Colors

Hex(28B82B)

Have a look what the booklet for
Hex(28B82B) contains.

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Color

Hex(28B82B)

Conversions

Conversions Part 1	
Format	Color
Hex	28B82B
RGB	40, 184, 43
RGB Percent	16%, 72%, 17%
CMY	0.8431, 0.2784, 0.8314
CMYK	0.78, 0.00, 0.77, 0.28
HSL	121°, 64%, 44%
HSV	121°, 78%, 72%
XYZ	18.4516, 34.9065, 8.0506
YIQ	124.8700, -40.5630, -74.3790

Conversions

Conversions Part 2

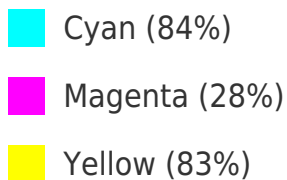
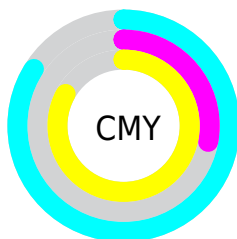
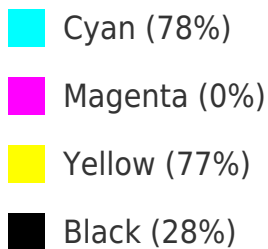
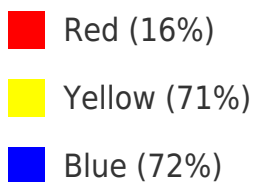
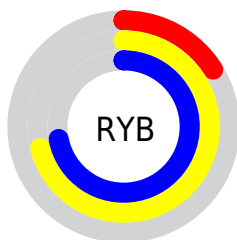
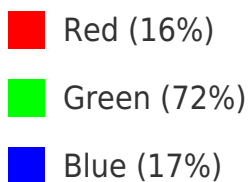
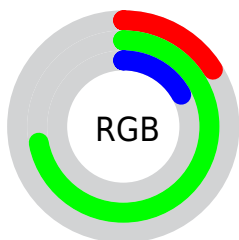
Format	Color
RYB	40, 181, 184
Decimal	2668587
CIELab	65.68, -62.54, 56.88
CIELCh	66, 84.534, 137.714
Yxy	34.9065, 0.3005, 0.5684
Android (android.graphics.Color)	4280858667 (0xFF28B82B)
YUV	124.8700, -40.3619, -74.4310
Hunter-Lab	59.0817, -47.6463, 33.2782

Details

The Hex color **28B82B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B828B5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6FF163**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **16B819**, and if you desaturate by 10%, it is **3AB83D**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 28B82B 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 28B82B by changing the saturation by 10% instead.

 28B82B

 28B82B

FFFFFF

 009C03

 6FF163

 008100

 8EFF7E

 006700

 ACFF99

 004D00

 CAFFB5

 003600

 E9FFD2

 001C00

 FFFFEF

 000000

 28B82B

 28B82B

 16B819

 3AB83D

 03B807

 4DB84F

 00B804

 5FB861

 72B873

 84B885

 96B897

 A9B8A9

 BBB8BB

 CEB8CD

Harmonies

Analogous

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



96AA00



28B82B



00BF7D

Triad

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



28B82B



00B2FF



FF4976

Complementary

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



28B82B



B828B5

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.



FF4CC2



28B82B



4399FF

Square

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



28B82B



00BEFF



D974FF



FF6D2D

Rectangle

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



28B82B



00C1B2



D974FF



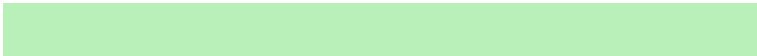
FF448F

Sweetspot

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



28B82B



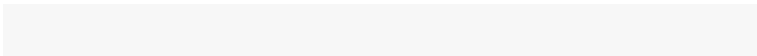
B9F0BA



B6B828



567857



F7F7F7



787878

Same Dimension

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



28B82B



0EF013



28B872



535C53



009C03



001C01

Inverse Universe

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



B828B5



F00EEB



B8286E



5C535C



9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 28B82B looks on a white background.

Color Contrast Check

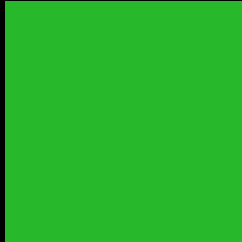
Large Text (above 18pt) WCAG AA × Fail

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 28B82B 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 28B82B Background



This preview shows how black text looks on a background with the Hex color 28B82B.



This preview shows how white text looks on a background with the Hex color 28B82B.

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](#).

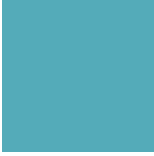
Dichromacy



Original Color
28B82B





Protanopia
B29F25

Deuteranopia
C59639






Tritanopia
54ABB9

Trichromacy

	Original Color 28B82B
	Protanomaly 80A827
	Deuteranomaly 8CA234
	Tritanomaly 44B085

Monochromacy

	Original Color 28B82B
	Achromatopsia 7D7D7D
	Achromatomaly 5E925F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28B82B 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 #28B82B looks like.

```
.text, #text, p{  
    color:#28B82B  
}
```

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 #28B82B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B82B
}
```

Border

The CSS property to change the border of an element to Hex 28B82B 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
#28B82B }
```

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

```
.border{ border-color:#28B82B }
```

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

Here you see how a box with a 4 pixel #28B82B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B82B; -webkit-box-shadow:4px 4px  
4px 4px #28B82B; box-shadow:4px 4px 4px  
4px #28B82B }
```

Background

The CSS property to change the background color of an element to Hex 28B82B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B82B }
```

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

```
.background{ background-color:#28B82B }
```

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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