

Converting Colors

Hex(28BD4E)

Have a look what the booklet for
Hex(28BD4E) contains.

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Color

Hex(28BD4E)

Conversions

Conversions Part 1

Format	Color
Hex	28BD4E
RGB	40, 189, 78
RGB Percent	16%, 74%, 31%
CMY	0.8431, 0.2588, 0.6941
CMYK	0.79, 0.00, 0.59, 0.26
HSL	135°, 65%, 45%
HSV	135°, 79%, 74%
XYZ	20.4478, 37.3964, 13.3482
YIQ	131.7950, -53.1730, -66.1090

Conversions

Conversions Part 2

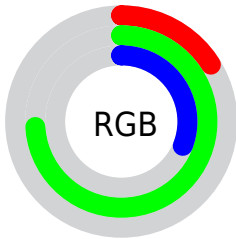
Format	Color
RYB	40, 159, 189
Decimal	2669902
CIELab	67.57, -60.63, 44.74
CIELCh	68, 75.350, 143.578
Yxy	37.3964, 0.2872, 0.5253
Android (android.graphics.Color)	4280859982 (0xFF28BD4E)
YUV	131.7950, -26.5209, -80.5042
Hunter-Lab	61.1526, -47.3313, 29.8651

Details

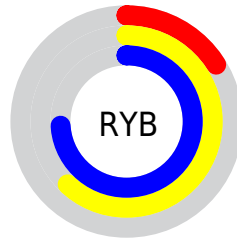
The Hex color **28BD4E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD2897**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FF682**, and **008619** is the 20% darker color. If you saturate the color by 10%, you get **15BD40**, and if you desaturate by 10%, it is **3BBD5C**.

Distribution



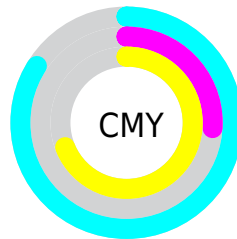
- Red (16%)
- Green (74%)
- Blue (31%)



- Red (16%)
- Yellow (62%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (59%)
- Black (26%)



- Cyan (84%)
- Magenta (26%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28BD4E 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 28BD4E by changing the saturation by 10% instead.

 28BD4E

 28BD4E

FFFFFF

 00A134

 6FF682

 008619

 8DFF9D

 006C00

 ABFFB9

 005200

 CAFFD5

 003A00

 E8FFF2

 002200

 000000

 28BD4E

 28BD4E

 15BD40

 3BBD5C

 02BD32

 4EBD6A

 00BD30

 61BD78

 74BD86

 87BD94

 99BDA2

 ACBDB1

 BFBDBF

 D2BDCD

Harmonies

Analogous

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



91B100



28BD4E



00C393

Triad

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



28BD4E



00B1FF



FF6473

Complementary

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



28BD4E



BD2897

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.



FF5FB6



28BD4E



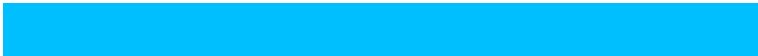
8599FF

Square

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



28BD4E



00BFFF



E879F6



FF8035

Rectangle

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



28BD4E



00C4C3



E879F6



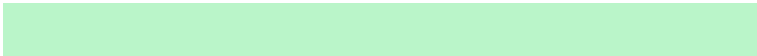
FF5E89

Sweetspot

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



28BD4E



BAF5C9



98BD28



577A60



FAFAFA



7A7A7A

Same Dimension

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



28BD4E



0CF548



28BD98



555E57



009E28



001F08

Inverse Universe

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



BD2897



F50CB9



BD284D



5E555C



9E0076



1F0017

Previews

White Background



This preview shows how the Hex color 28BD4E looks on a white background.

Color Contrast Check

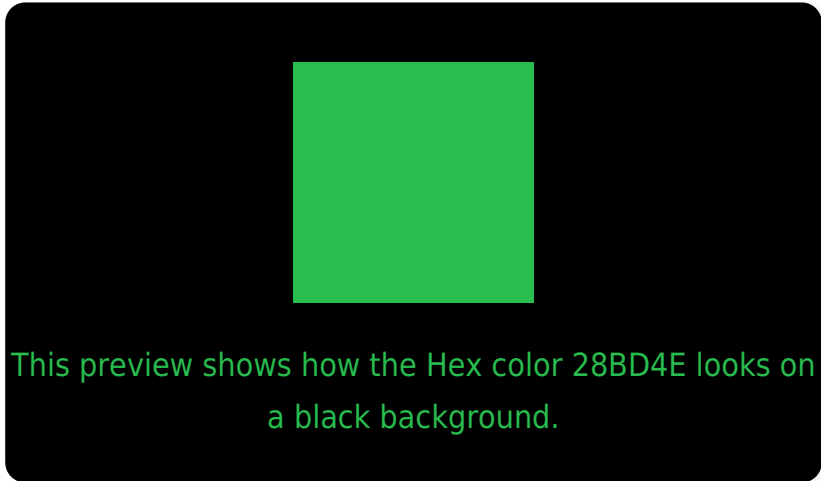
Large Text (above 18pt) WCAG AA × Fail

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 28BD4E Background



This preview shows how black text looks on a background with the Hex color 28BD4E.

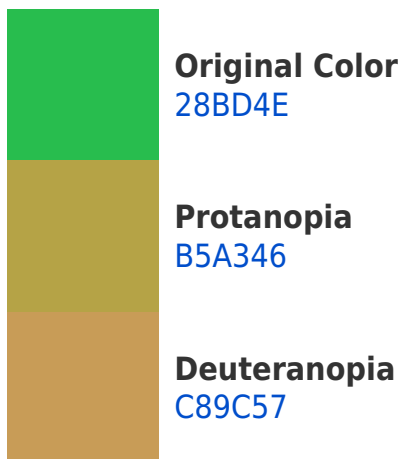


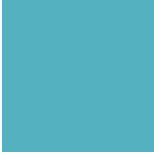
This preview shows how white text looks on a background with the Hex color 28BD4E.

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](#).

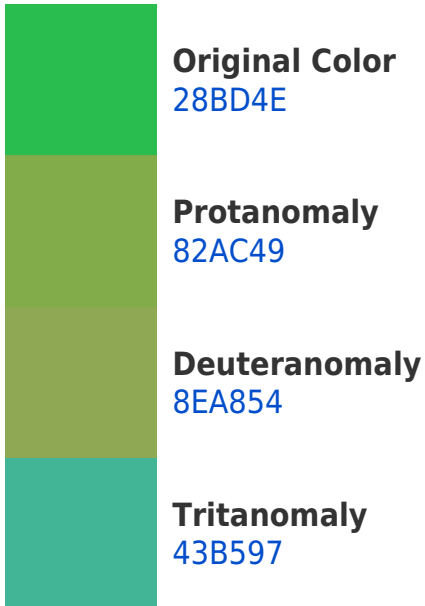
Dichromacy





Tritanopia
53B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28BD4E 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 #28BD4E looks like.

```
.text, #text, p{  
    color:#28BD4E  
}
```

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 #28BD4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28BD4E
}
```

Border

The CSS property to change the border of an element to Hex 28BD4E 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
#28BD4E }
```

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

```
.border{ border-color:#28BD4E }
```

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

Here you see how a box with a 4 pixel #28BD4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28BD4E; -webkit-box-shadow:4px 4px  
4px 4px #28BD4E; box-shadow:4px 4px 4px  
4px #28BD4E }
```

Background

The CSS property to change the background color of an element to Hex 28BD4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28BD4E }
```

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

```
.background{ background-color:#28BD4E }
```

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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