

Converting Colors

Hex(28B75C)

Have a look what the booklet for
Hex(28B75C) contains.

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Color

Hex(28B75C)

Conversions

Conversions Part 1

Format	Color
Hex	28B75C
RGB	40, 183, 92
RGB Percent	16%, 72%, 36%
CMY	0.8431, 0.2824, 0.6392
CMYK	0.78, 0.00, 0.50, 0.28
HSL	142°, 64%, 44%
HSV	142°, 78%, 72%
XYZ	19.7403, 35.0908, 15.8580
YIQ	129.8690, -56.0170, -58.6170

Conversions

Conversions Part 2

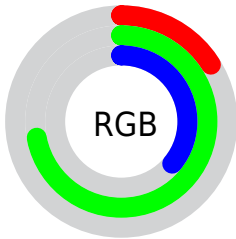
Format	Color
RYB	40, 145, 183
Decimal	2668380
CIELab	65.82, -56.57, 35.84
CIELCh	66, 66.966, 147.642
Yxy	35.0908, 0.2793, 0.4964
Android (android.graphics.Color)	4280858460 (0xFF28B75C)
YUV	129.8690, -18.6694, -78.8151
Hunter-Lab	59.2375, -44.1822, 25.5942

Details

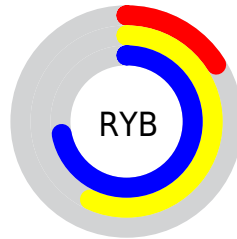
The Hex color **28B75C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B72883**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DF090**, and **00812B** is the 20% darker color. If you saturate the color by 10%, you get **16B750**, and if you desaturate by 10%, it is **3AB768**.

Distribution



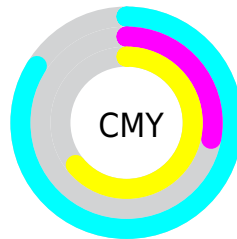
- Red (16%)
- Green (72%)
- Blue (36%)



- Red (16%)
- Yellow (57%)
- Blue (72%)



- Cyan (78%)
- Magenta (0%)
- Yellow (50%)
- Black (28%)



- Cyan (84%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28B75C 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 28B75C by changing the saturation by 10% instead.

 28B75C

 28B75C

FFFFFF

 009B43

 6DF090

 00812B

 8BFFAB

 006611

 A9FFC6

 004D00

 C7FFE3

 003500

 E5FFFF

 001D00

 000000

 28B75C

 28B75C

 16B750

 3AB768

 03B745

 4DB773

 00B743

 5FB77F

 71B78B

 84B796

 96B7A2

 A8B7AE

 BAB7B9

 CDB7C5

Harmonies

Analogous

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



87AD28



28B75C



00BC99

Triad

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



28B75C



00A8FF



FF6C6C

Complementary

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



28B75C



B72883

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.



FF65A7



28B75C



9692FF

Square

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



28B75C



00B6FF



E477E1



EF8438

Rectangle

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



28B75C



00BCC3



E477E1



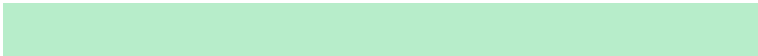
FF677F

Sweetspot

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



28B75C



B7EDCA



85B728



567862



F7F7F7



787878

Same Dimension

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



28B75C



0EED5F



28B7A2



535C56



009C39



001C0A

Inverse Universe

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



B72883



ED0E9C



B7283D



5C5358



9C0063



1C0012

Previews

White Background



This preview shows how the Hex color 28B75C looks on a white background.

Color Contrast Check

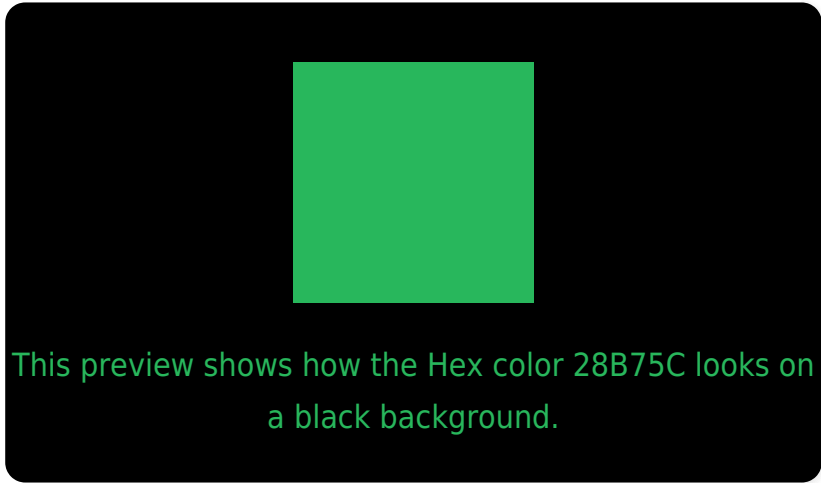
Large Text (above 18pt) WCAG AA × Fail

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

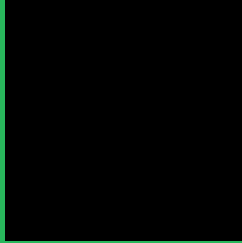
Any Text WCAG AA ✓ Pass

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 28B75C Background



This preview shows how black text looks on a background with the Hex color 28B75C.

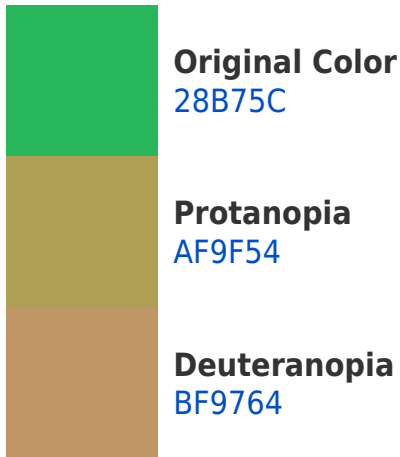


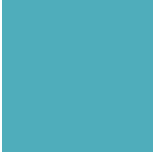
This preview shows how white text looks on a background with the Hex color 28B75C.

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



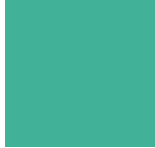
Original Color
28B75C



Protanomaly
7EA857



Deuteranomaly
88A361



Tritanomaly
41B198

Monochromacy



Original Color
28B75C



Achromatopsia
828282



Achromatomaly
619574

CSS Examples

Text

The CSS property to change the color of the text to Hex 28B75C 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 #28B75C looks like.

```
.text, #text, p{  
    color:#28B75C  
}
```

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 #28B75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B75C
}
```

Border

The CSS property to change the border of an element to Hex 28B75C 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
#28B75C }
```

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

```
.border{ border-color:#28B75C }
```

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

Here you see how a box with a 4 pixel #28B75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B75C; -webkit-box-shadow:4px 4px  
4px 4px #28B75C; box-shadow:4px 4px 4px  
4px #28B75C }
```

Background

The CSS property to change the background color of an element to Hex 28B75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B75C }
```

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

```
.background{ background-color:#28B75C }
```

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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