

Converting Colors

Hex(27B866)

Have a look what the booklet for
Hex(27B866) contains.

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Color

Hex(27B866)

Conversions

Conversions Part 1

Format	Color
Hex	27B866
RGB	39, 184, 102
RGB Percent	15%, 72%, 40%
CMY	0.8471, 0.2784, 0.6000
CMYK	0.79, 0.00, 0.45, 0.28
HSL	146°, 65%, 44%
HSV	146°, 79%, 72%
XYZ	20.3755, 35.6716, 18.3818
YIQ	131.2970, -60.0980, -56.2420

Conversions

Conversions Part 2

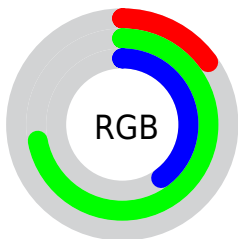
Format	Color
RYB	39, 140, 184
Decimal	2603110
CIELab	66.27, -55.36, 31.31
CIElCh	66, 63.598, 150.512
Yxy	35.6716, 0.2738, 0.4793
Android (android.graphics.Color)	4280793190 (0xFF27B866)
YUV	131.2970, -14.4434, -80.9445
Hunter-Lab	59.7257, -43.6247, 23.5603

Details

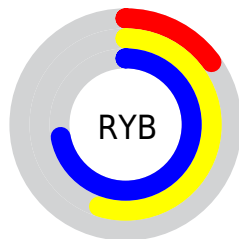
The Hex color **27B866** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B82779**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6CF19A**, and **008235** is the 20% darker color. If you saturate the color by 10%, you get **15B85C**, and if you desaturate by 10%, it is **39B870**.

Distribution



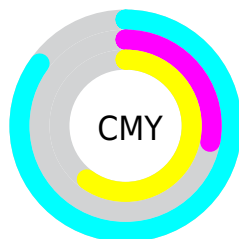
- Red (15%)
- Green (72%)
- Blue (40%)



- Red (15%)
- Yellow (55%)
- Blue (72%)



- Cyan (79%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (85%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27B866 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 27B866 by changing the saturation by 10% instead.

 27B866

 27B866

FFFFFF

 009C4D

 6CF19A

 008235

 8AFFB5

 00671E

 A8FFD1

 004E04

 C6FFED

 003600

 E4FFFF

 001E00

 000000

 27B866

 27B866

 15B85C


 39B870

 02B851

 4CB87B

 00B850

 5EB885

 71B890

 83B89A

 95B8A4

 A8B8AF

 BAB8B9

 CDB8C4

Harmonies

Analogous

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



84AF36



27B866



00BCA0

Triad

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



27B866



00A7FF



FF736A

Complementary

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



27B866



B82779

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.



FF6BA3



27B866



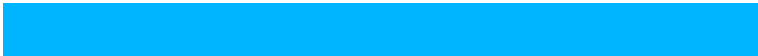
A292FF

Square

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



27B866



00B5FF



E779DA



EA893C

Rectangle

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



27B866



00BCC7



E779DA



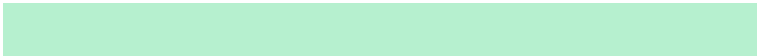
FF6E7C

Sweetspot

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



27B866



B6F0CF



79B827



557864



F7F7F7



787878

Same Dimension

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



27B866



0CF06F



27B8AE



535C57



009C44



001C0C

Inverse Universe

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



B82779



F00C8D



B82731



5C5358



9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 27B866 looks on a white background.

Color Contrast Check

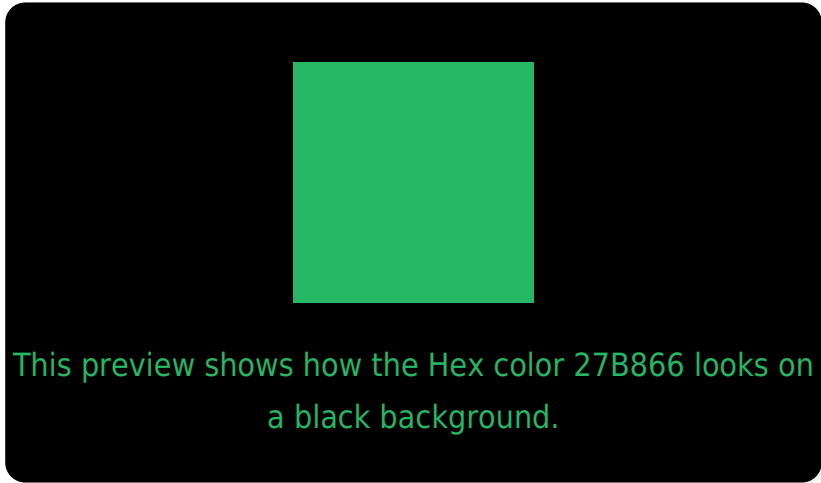
Large Text (above 18pt) WCAG AA × Fail

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

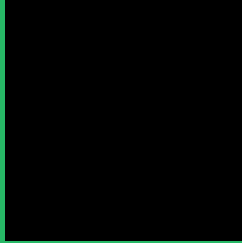
Any Text WCAG AA ✓ Pass

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 27B866 Background



This preview shows how black text looks on a background with the Hex color 27B866.



This preview shows how white text looks on a background with the Hex color 27B866.

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
27B866



Protanomaly
7EA960



Deuteranomaly
88A46A



Tritanomaly
3FB29D

Monochromacy



Original Color
27B866



Achromatopsia
838383



Achromatomaly
629678

CSS Examples

Text

The CSS property to change the color of the text to Hex 27B866 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 #27B866 looks like.

```
.text, #text, p{  
    color:#27B866  
}
```

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 #27B866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27B866
}
```

Border

The CSS property to change the border of an element to Hex 27B866 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
#27B866 }
```

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

```
.border{ border-color:#27B866 }
```

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

Here you see how a box with a 4 pixel #27B866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27B866; -webkit-box-shadow:4px 4px  
4px 4px #27B866; box-shadow:4px 4px 4px  
4px #27B866 }
```

Background

The CSS property to change the background color of an element to Hex 27B866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27B866 }
```

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

```
.background{ background-color:#27B866 }
```

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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