

Converting Colors

Hex(27CB62)

Have a look what the booklet for
Hex(27CB62) contains.

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Color

Hex(27CB62)

Conversions

Conversions Part 1

Format	Color
Hex	27CB62
RGB	39, 203, 98
RGB Percent	15%, 80%, 38%
CMY	0.8471, 0.2039, 0.6157
CMYK	0.81, 0.00, 0.52, 0.20
HSL	142°, 68%, 47%
HSV	142°, 81%, 80%
XYZ	24.3972, 44.0250, 18.7671
YIQ	141.9940, -64.0390, -67.4230

Conversions

Conversions Part 2

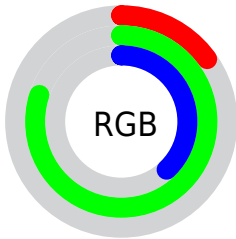
Format	Color
RYB	39, 160, 203
Decimal	2607970
CIELab	72.25, -62.60, 40.84
CIELCh	72, 74.749, 146.879
Yxy	44.0250, 0.2798, 0.5049
Android (android.graphics.Color)	4280798050 (0xFF27CB62)
YUV	141.9940, -21.6890, -90.3257
Hunter-Lab	66.3514, -50.4809, 29.6761

Details

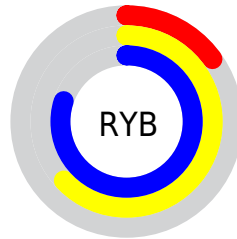
The Hex color **27CB62** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CB2790**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71FF97**, and **00932F** is the 20% darker color. If you saturate the color by 10%, you get **13CB55**, and if you desaturate by 10%, it is **3BCB6F**.

Distribution



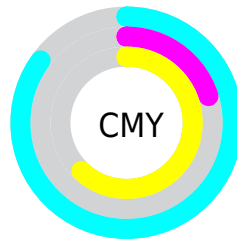
- Red (15%)
- Green (80%)
- Blue (38%)



- Red (15%)
- Yellow (63%)
- Blue (80%)



- Cyan (81%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)



- Cyan (85%)
- Magenta (20%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27CB62 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 27CB62 by changing the saturation by 10% instead.

 27CB62

 27CB62

FFFFFF

 00AF49

 71FF97

 00932F

 90FFB2

 007815

 AFFFCE

 005E00

 CDFFEB

 004500

 ECFFFF

 002E00

 000F00

 000000

 27CB62

 27CB62

 13CB55

 3BCB6F

 00CB49

 50CB7C

 64CB89

 78CB96

 8DCBA3

 A1CBB0

 B5CBBD

 C9CBCA

 DECB D7

Harmonies

Analogous

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



96BF24



27CB62



00D0A8

Triad

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



27CB62



00BBFF



FF7578

Complementary

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



27CB62



CB2790

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.



FF6DBB



27CB62



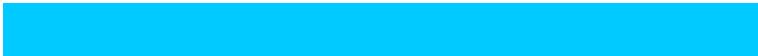
A2A2FF

Square

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



27CB62



00CAFF



FC83FD



FF903C

Rectangle

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



27CB62



00D1D7



FC83FD



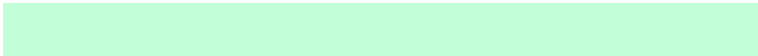
FF6F8E

Sweetspot

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



27CB62



C2FFD8



92CB27



5B8068



000000



808080

Same Dimension

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



27CB62



08FF61



27CBB2



5C665F



00A63C



00260E

Inverse Universe

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



CB2790



FF08A6



CB2740



665C62



A6006A



260018

Previews

White Background



This preview shows how the Hex color 27CB62 looks on a white background.

Color Contrast Check

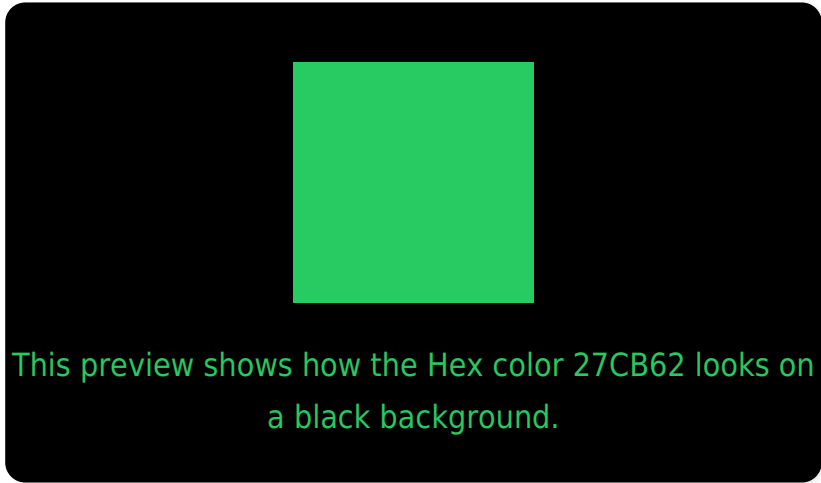
Large Text (above 18pt) WCAG AA × Fail

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

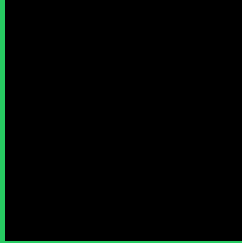
Any Text WCAG AA ✓ Pass

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 27CB62 Background



This preview shows how black text looks on a background with the Hex color 27CB62.



This preview shows how white text looks on a background with the Hex color 27CB62.

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](#).

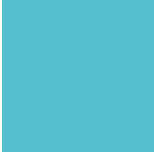
Dichromacy



Original Color
27CB62

Protanopia
C2B059

Deuteranopia
D5A86B



Tritanopia
56BFCF

Trichromacy



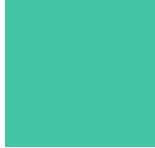
Original Color
27CB62



Protanomaly
8ABA5C



Deuteranomaly
96B568



Tritanomaly
45C3A7

Monochromacy



Original Color
27CB62



Achromatopsia
8E8E8E



Achromatomaly
69A47E

CSS Examples

Text

The CSS property to change the color of the text to Hex 27CB62 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 #27CB62 looks like.

```
.text, #text, p{  
    color:#27CB62  
}
```

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 #27CB62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27CB62
}
```

Border

The CSS property to change the border of an element to Hex 27CB62 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
#27CB62 }
```

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

```
.border{ border-color:#27CB62 }
```

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

Here you see how a box with a 4 pixel #27CB62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27CB62; -webkit-box-shadow:4px 4px  
4px 4px #27CB62; box-shadow:4px 4px 4px  
4px #27CB62 }
```

Background

The CSS property to change the background color of an element to Hex 27CB62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27CB62 }
```

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

```
.background{ background-color:#27CB62 }
```

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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