

Converting Colors

Hex(27CB15)

Have a look what the booklet for
Hex(27CB15) contains.

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Color

Hex(27CB15)

Conversions

Conversions Part 1

Format	Color
Hex	27CB15
RGB	39, 203, 21
RGB Percent	15%, 80%, 8%
CMY	0.8471, 0.2039, 0.9176
CMYK	0.81, 0.00, 0.90, 0.20
HSL	114°, 81%, 44%
HSV	114°, 90%, 80%
XYZ	22.3280, 43.1973, 7.8706
YIQ	133.2160, -39.3220, -91.3700

Conversions

Conversions Part 2

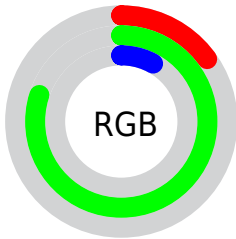
Format	Color
R _Y B	21, 203, 185
Decimal	2607893
CIE Lab	71.69, -69.46, 67.87
CIE LCh	72, 97.113, 135.660
Yxy	43.1973, 0.3042, 0.5886
Android (android.graphics.Color)	4280797973 (0xFF27CB15)
YUV	133.2160, -55.3225, -82.6274
Hunter-Lab	65.7247, -54.3782, 38.9073

Details

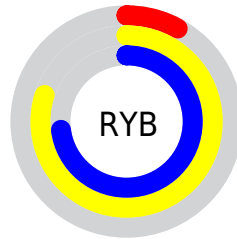
The Hex color **27CB15** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B915CB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **74FF58**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **15CB01**, and if you desaturate by 10%, it is **39CB29**.

Distribution



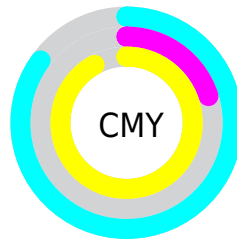
- Red (15%)
- Green (80%)
- Blue (8%)



- Red (8%)
- Yellow (80%)
- Blue (73%)



- Cyan (81%)
- Magenta (0%)
- Yellow (90%)
- Black (20%)



- Cyan (85%)
- Magenta (20%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27CB15 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 27CB15 by changing the saturation by 10% instead.

 27CB15

 27CB15

FFFFFF

 00AF00

 74FF58

 009300

 94FF75

 007800

 B3FF91

 005E00

 D2FFAE

 004400

 F1FFCA

 002C00

 FFFF E8

 000B00

 000000

 27CB15

 27CB15

 15CB01

 39CB29

 14CB00

 4CCB3E

 5ECB52

 70CB66

 82CB7B

 95CB8F

 A7CBA3

 B9CBB7

 CCCBCC

Harmonies

Analogous

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



A9BA00



27CB15



00D380

Triad

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



27CB15



00C6FF



FF3F86

Complementary

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



27CB15



B915CB

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.



FF49DE



27CB15



00ABFF

Square

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



27CB15



00D3FF



EB7EFF



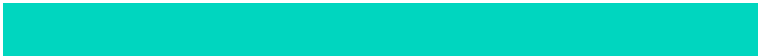
FF6F2F

Rectangle

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



27CB15



00D6BF



EB7EFF



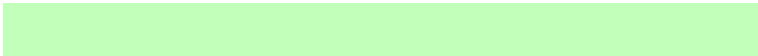
FF37A3

Sweetspot

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



27CB15



C1FFBA



CBB915



5B8057



000000



808080

Same Dimension

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



27CB15



19FF00



15CB5E



5D665C



10A600



042600

Inverse Universe

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



B915CB



E600FF



CB1582



655C66



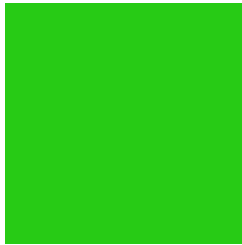
9500A6



220026

Previews

White Background



This preview shows how the Hex color 27CB15 looks on a white background.

Color Contrast Check

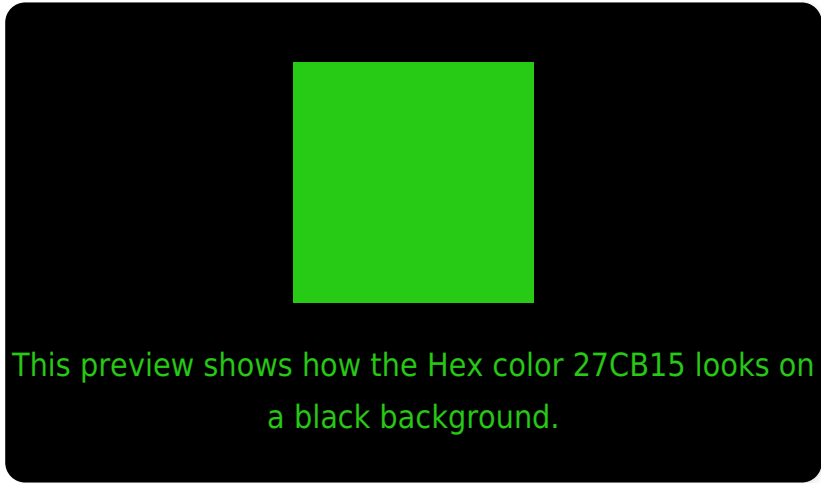
Large Text (above 18pt) WCAG AA × Fail

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 27CB15 Background



This preview shows how black text looks on a background with the Hex color 27CB15.

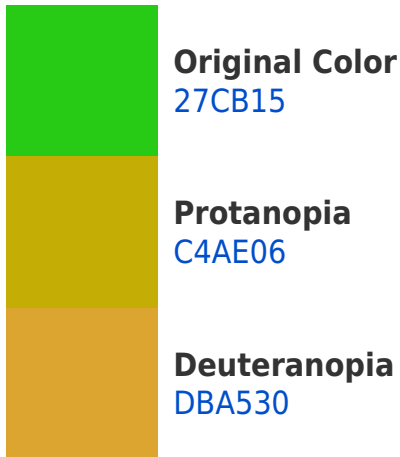


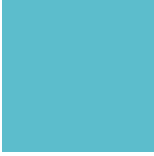
This preview shows how white text looks on a background with the Hex color 27CB15.

Color Blindness Simulation

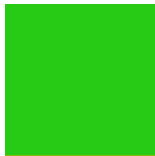
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
27CB15



Protanomaly
8BB90B



Deuteranomaly
9AB326



Tritanomaly
49C289

Monochromacy



Original Color
27CB15



Achromatopsia
858585



Achromatomaly
639E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 27CB15 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 #27CB15 looks like.

```
.text, #text, p{  
    color:#27CB15  
}
```

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 #27CB15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27CB15
}
```

Border

The CSS property to change the border of an element to Hex 27CB15 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
#27CB15 }
```

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

```
.border{ border-color:#27CB15 }
```

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

Here you see how a box with a 4 pixel #27CB15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27CB15; -webkit-box-shadow:4px 4px  
4px 4px #27CB15; box-shadow:4px 4px 4px  
4px #27CB15 }
```

Background

The CSS property to change the background color of an element to Hex 27CB15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27CB15 }
```

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

```
.background{ background-color:#27CB15 }
```

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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