

# Converting Colors

Hex(22CE27)

Have a look what the booklet for  
Hex(22CE27) contains.

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**Color**

**Hex(22CE27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22CE27
RGB	34, 206, 39
RGB Percent	13%, 81%, 15%
CMY	0.8667, 0.1922, 0.8471
CMYK	0.83, 0.00, 0.81, 0.19
HSL	122°, 72%, 47%
HSV	122°, 83%, 81%
XYZ	23.0972, 44.6292, 9.3164
YIQ	135.5340, -48.9050, -88.4010

# Conversions

## Conversions Part 2

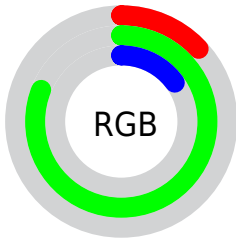
Format	Color
<a href="#">RYB</a>	<a href="#">34, 201, 206</a>
Decimal	<a href="#">2280999</a>
CIELab	<a href="#">72.65, -70.08, 64.71</a>
CIELCh	<a href="#">73, 95.388, 137.283</a>
Yxy	<a href="#">44.6292, 0.2998, 0.5793</a>
Android (android.graphics.Color)	<a href="#">4280471079</a> ( <a href="#">0xFF22CE27</a> )
YUV	<a href="#">135.5340, -47.5913, -89.0453</a>
Hunter-Lab	<a href="#">66.8051, -55.1942, 38.4952</a>

# Details

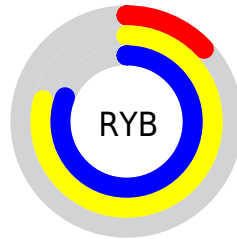
The Hex color **22CE27** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **CE22C9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **72FF63**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **0DCE13**, and if you desaturate by 10%, it is **37CE3B**.

# Distribution



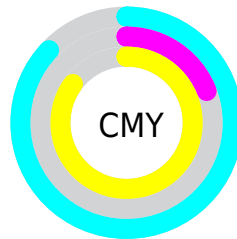
- Red (13%)
- Green (81%)
- Blue (15%)



- Red (13%)
- Yellow (79%)
- Blue (81%)



- Cyan (83%)
- Magenta (0%)
- Yellow (81%)
- Black (19%)



- Cyan (87%)
- Magenta (19%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22CE27 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 22CE27 by changing the saturation by 10% instead.



 22CE27

 22CE27

FFFFFF

 00B200

 72FF63

 009600

 92FF7F

 007B00

 B1FF9B

 006100

 D0FFB7

 004700

 EFFF D4

 002F00

 FFFFF2

 001100

 000000

 22CE27

 22CE27

 0DCE13

 37CE3B

 00CE06

 4BCE4F

 60CE63

 74CE77

 89CE8B

 9ECE9F

 B2CEB3

 C7CEC7

 DBCEDB

# Harmonies

## Analogous

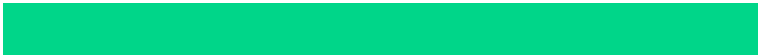
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7BE00



22CE27



00D689

# Triad

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



22CE27



00C7FF



FF4984

# Complementary

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



22CE27



CE22C9

# 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.



FF4EDB



22CE27



33ABFF

# Square

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



22CE27



00D5FF



F380FF



FF772F

# Rectangle

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



22CE27



00D8C6



F380FF



FF42A1

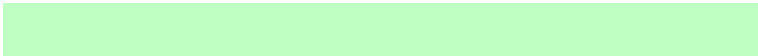


# Sweetspot

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



22CE27



BFFFC1



CBCE22



59805A



000000



808080



# Same Dimension

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



22CE27



00FF07



22CE7B



5C665C



00A605



002601



# Inverse Universe

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



CE22C9



FF00F8



CE2275



665C66



A600A1

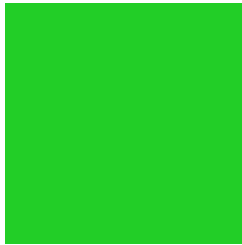


260025



# Previews

## White Background



This preview shows how the Hex color 22CE27 looks on a white background.

## Color Contrast Check

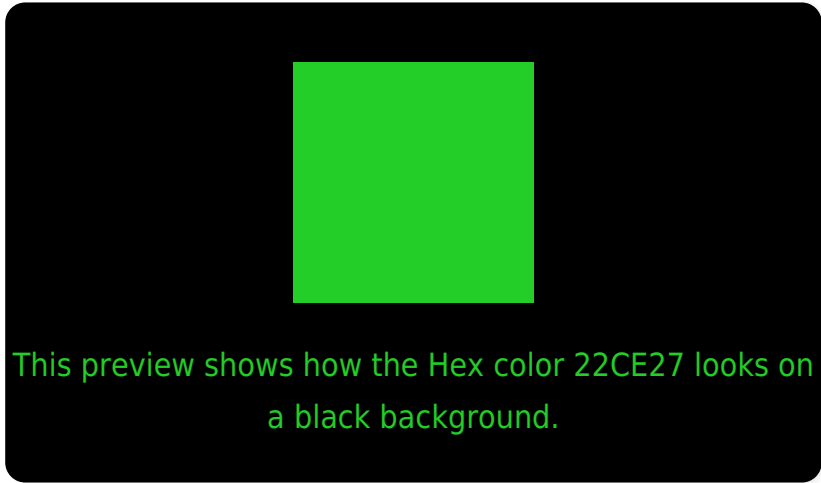
Large Text (above 18pt) WCAG AA × Fail

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 22CE27 Background



This preview shows how black text looks on a background with the Hex color 22CE27.

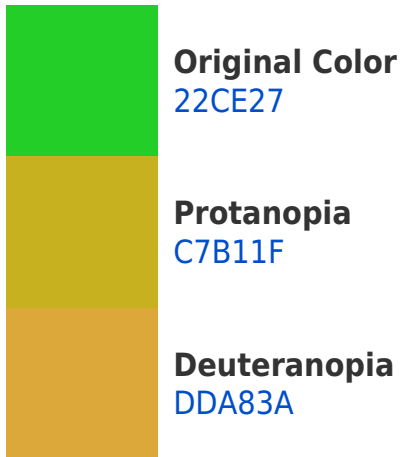


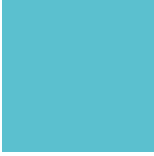
This preview shows how white text looks on a background with the Hex color 22CE27.

# Color Blindness Simulation

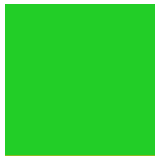
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



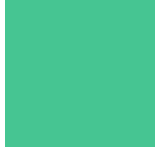
**Original Color**  
22CE27



**Protanomaly**  
8BBC22



**Deuteranomaly**  
99B633



**Tritanomaly**  
46C592

# Monochromacy



**Original Color**  
22CE27



**Achromatopsia**  
888888



**Achromatomaly**  
63A165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22CE27 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 #22CE27 looks like.

```
.text, #text, p{  
    color:#22CE27  
}
```

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 #22CE27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22CE27
}
```

## Border

The CSS property to change the border of an element to Hex 22CE27 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
#22CE27 }
```

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

```
.border{ border-color:#22CE27 }
```

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

Here you see how a box with a 4 pixel #22CE27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22CE27; -webkit-box-shadow:4px 4px  
4px 4px #22CE27; box-shadow:4px 4px 4px  
4px #22CE27 }
```

# Background

The CSS property to change the background color of an element to Hex 22CE27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22CE27 }
```

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

```
.background{ background-color:#22CE27 }
```

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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