

Converting Colors

Hex(22CA17)

Have a look what the booklet for
Hex(22CA17) contains.

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Color

Hex(22CA17)

Conversions

Conversions Part 1

Format	Color
Hex	22CA17
RGB	34, 202, 23
RGB Percent	13%, 79%, 9%
CMY	0.8667, 0.2078, 0.9098
CMYK	0.83, 0.00, 0.89, 0.21
HSL	116°, 80%, 44%
HSV	116°, 89%, 79%
XYZ	21.9349, 42.6430, 7.8854
YIQ	131.3620, -42.6690, -91.2850

Conversions

Conversions Part 2

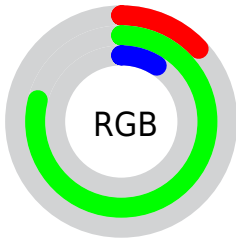
Format	Color
RYB	23, 202, 191
Decimal	2279959
CIELab	71.31, -69.65, 67.17
CIELCh	71, 96.766, 136.039
Yxy	42.6430, 0.3027, 0.5885
Android (android.graphics.Color)	4280470039 (0xFF22CA17)
YUV	131.3620, -53.4225, -85.3865
Hunter-Lab	65.3016, -54.3195, 38.5516

Details

The Hex color **22CA17** 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 **BF17CA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **71FF59**, and **009200** is the 20% darker color. If you saturate the color by 10%, you get **0FCA03**, and if you desaturate by 10%, it is **35CA2B**.

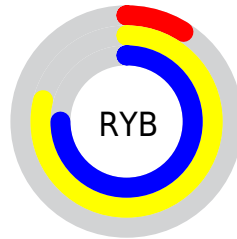
Distribution



Red (13%)

Green (79%)

Blue (9%)



Red (9%)

Yellow (79%)

Blue (75%)

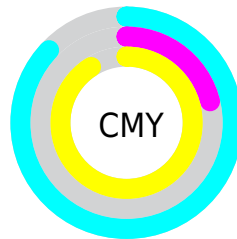


Cyan (83%)

Magenta (0%)

Yellow (89%)

Black (21%)



Cyan (87%)

Magenta (21%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22CA17 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 22CA17 by changing the saturation by 10% instead.

 22CA17

 22CA17

FFFFFF

 00AE00

 71FF59

 009200

 91FF75

 007700

 B1FF92

 005D00

 D0FFAE

 004400

 EFFFEB

 002B00

 FFFFEB

 000900

 000000

 22CA17

 22CA17

0FCA03

35CA2B

0CCA00

48CA3F

5BCA54

6ECA68

81CA7C

94CA90

A7CAA4

BACAB9

CDCACD

Harmonies

Analogous

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



A7B900



22CA17



00D281

Triad

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



22CA17



00C5FF



FF3E84

Complementary

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



22CA17



BF17CA

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.



FF47DC



22CA17



00A9FF

Square

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



22CA17



00D2FF



EB7DFE



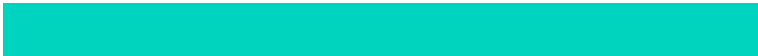
FF6F2D

Rectangle

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



22CA17



00D4BF



EB7DFF



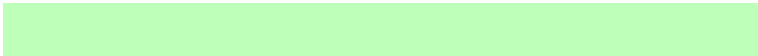
FF37A1

Sweetspot

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



22CA17



BEFFBA



CABE17



598057



000000



808080

Same Dimension

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



22CA17



10FF00



17CA65



5C665C



0AA600



022600

Inverse Universe

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



BF17CA



EF00FF



CA177C



655C66



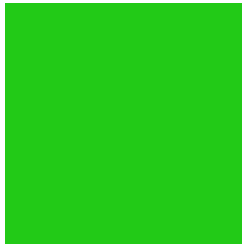
9C00A6



240026

Previews

White Background



This preview shows how the Hex color 22CA17 looks on a white background.

Color Contrast Check

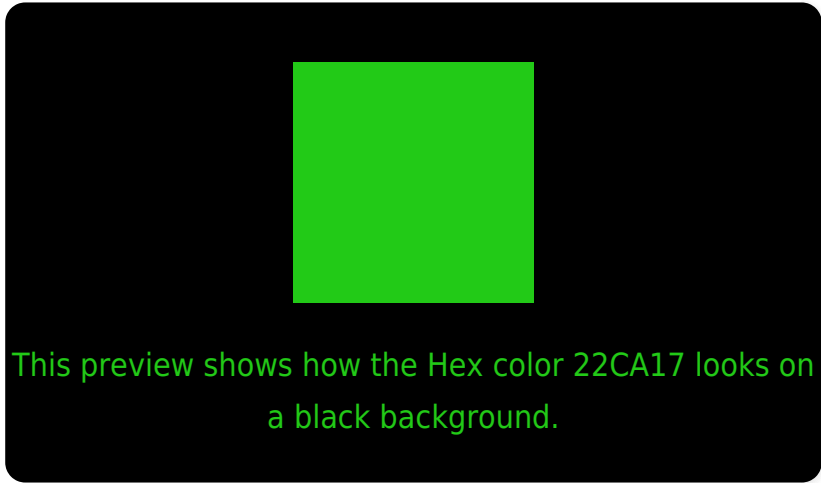
Large Text (above 18pt) WCAG AA × Fail

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 22CA17 Background



This preview shows how black text looks on a background with the Hex color 22CA17.

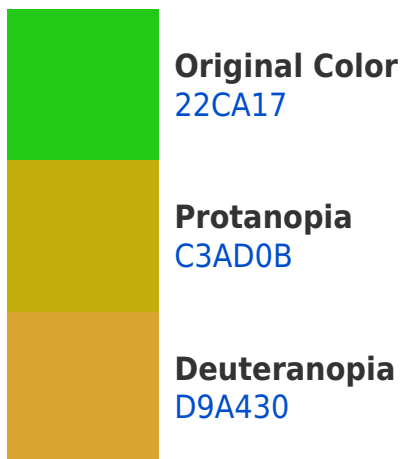


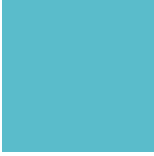
This preview shows how white text looks on a background with the Hex color 22CA17.

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](#).

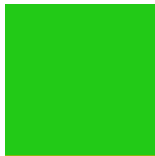
Dichromacy





Tritanopia
5ABCCB

Trichromacy



Original Color
22CA17



Protanomaly
88B80F



Deuteranomaly
96B227



Tritanomaly
46C18A

Monochromacy



Original Color
22CA17



Achromatopsia
838383



Achromatomaly
609D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 22CA17 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 #22CA17 looks like.

```
.text, #text, p{  
    color:#22CA17  
}
```

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 #22CA17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22CA17
}
```

Border

The CSS property to change the border of an element to Hex 22CA17 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
#22CA17 }
```

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

```
.border{ border-color:#22CA17 }
```

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

Here you see how a box with a 4 pixel #22CA17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22CA17; -webkit-box-shadow:4px 4px  
4px 4px #22CA17; box-shadow:4px 4px 4px  
4px #22CA17 }
```

Background

The CSS property to change the background color of an element to Hex 22CA17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22CA17 }
```

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

```
.background{ background-color:#22CA17 }
```

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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