

Converting Colors

Hex(22BA4A)

Have a look what the booklet for
Hex(22BA4A) contains.

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Color

Hex(22BA4A)

Conversions

Conversions Part 1

Format	Color
Hex	22BA4A
RGB	34, 186, 74
RGB Percent	13%, 73%, 29%
CMY	0.8667, 0.2706, 0.7098
CMYK	0.82, 0.00, 0.60, 0.27
HSL	136°, 69%, 43%
HSV	136°, 82%, 73%
XYZ	19.4546, 35.9523, 12.3927
YIQ	127.7840, -54.6400, -67.0560

Conversions

Conversions Part 2

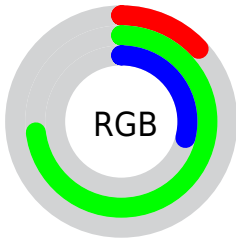
Format	Color
RYB	34, 154, 186
Decimal	2275914
CIELab	66.48, -60.87, 45.29
CIELCh	66, 75.866, 143.348
Yxy	35.9523, 0.2869, 0.5303
Android (android.graphics.Color)	4280465994 (0xFF22BA4A)
YUV	127.7840, -26.5155, -82.2486
Hunter-Lab	59.9602, -47.0145, 29.7180

Details

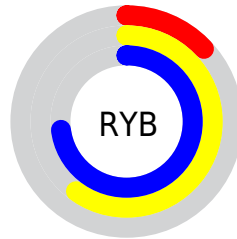
The Hex color **22BA4A** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA2292**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6BF37E**, and **008314** is the 20% darker color. If you saturate the color by 10%, you get **0FBA3C**, and if you desaturate by 10%, it is **35BA58**.

Distribution



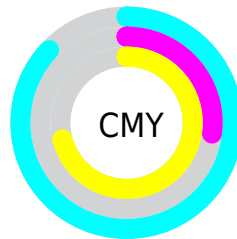
- Red (13%)
- Green (73%)
- Blue (29%)



- Red (13%)
- Yellow (60%)
- Blue (73%)



- Cyan (82%)
- Magenta (0%)
- Yellow (60%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22BA4A 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 22BA4A by changing the saturation by 10% instead.


 22BA4A

 22BA4A


FFFFFF

 009E30

 6BF37E

 008314

 8AFF99

 006900

 A8FFB5

 004F00

 C6FFD1

 003700

 E4FFEE

 001F00

 000000

 22BA4A

 22BA4A

 0FBA3C

 35BA58

 00BA31

 47BA65

 5ABA73

 6CBA81

 7FBA8F

 92BA9C

 A4BAAA

 B7BAB8

 C9BAC5

Harmonies

Analogous

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



8EAE00



22BA4A



00C090

Triad

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



22BA4A



00AEFF



FF6070

Complementary

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



22BA4A



BA2292

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.



FF5BB4



22BA4A



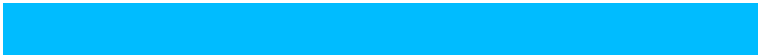
8096FF

Square

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



22BA4A



00BCFF



E476F4



FF7C32

Rectangle

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



22BA4A



00C1BF



E476F4



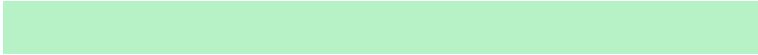
FF5A86

Sweetspot

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



22BA4A



B6F2C6



94BA22



567A5F



FAFAFA



7A7A7A

Same Dimension

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



22BA4A



05F243



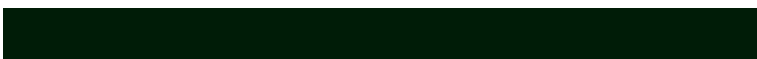
22BA94



535C55



009C29



001C07

Inverse Universe

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



BA2292



F205B4



BA2248



5C5359



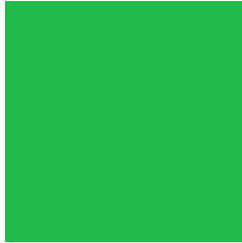
9C0073



1C0015

Previews

White Background



This preview shows how the Hex color 22BA4A looks on a white background.

Color Contrast Check

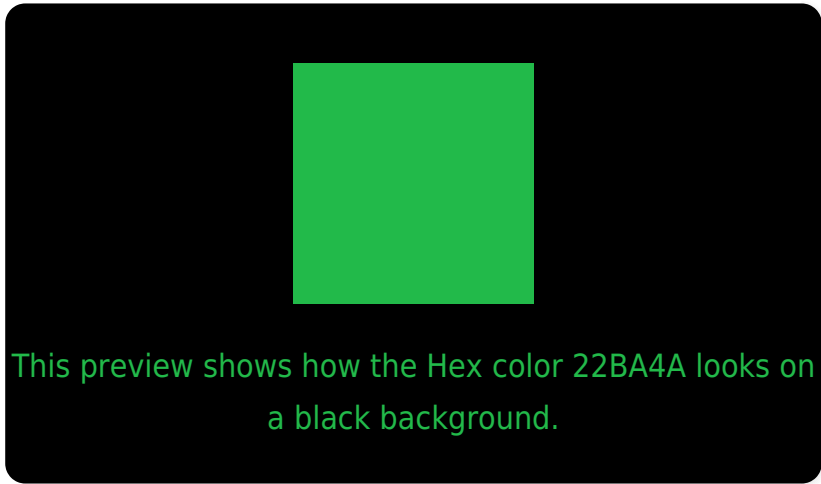
Large Text (above 18pt) WCAG AA × Fail

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

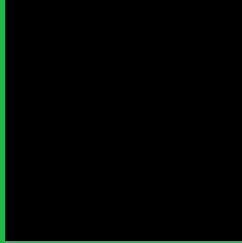
Any Text WCAG AA ✓ Pass

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 22BA4A Background



This preview shows how black text looks on a background with the Hex color 22BA4A.

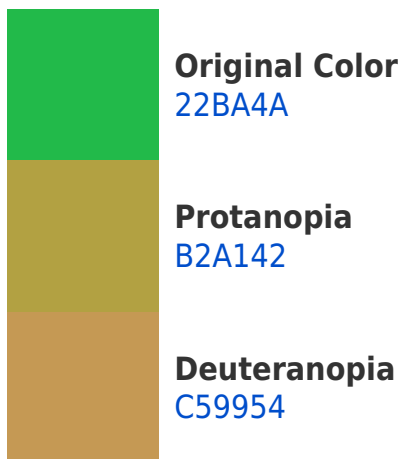


This preview shows how white text looks on a background with the Hex color 22BA4A.

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
50AEBD

Trichromacy



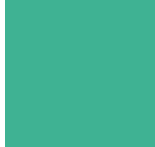
Original Color
22BA4A



Protanomaly
7EAA45



Deuteranomaly
8AA550



Tritanomaly
3FB293

Monochromacy



Original Color
22BA4A



Achromatopsia
808080



Achromatomaly
5E956C

CSS Examples

Text

The CSS property to change the color of the text to Hex 22BA4A 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 #22BA4A looks like.

```
.text, #text, p{  
    color:#22BA4A  
}
```

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 #22BA4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22BA4A
}
```

Border

The CSS property to change the border of an element to Hex 22BA4A 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
#22BA4A }
```

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

```
.border{ border-color:#22BA4A }
```

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

Here you see how a box with a 4 pixel #22BA4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22BA4A; -webkit-box-shadow:4px 4px  
4px 4px #22BA4A; box-shadow:4px 4px 4px  
4px #22BA4A }
```

Background

The CSS property to change the background color of an element to Hex 22BA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22BA4A }
```

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

```
.background{ background-color:#22BA4A }
```

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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